

N 640-4

Oct 1941

RECEIVED

JUL 11 1941
NO. 15873

ORANGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENERD WELL
FOR LANDS COVERED BY DEPARTMENTAL LAW 193

SPECIFY OIL, GAS, OR DRY Oil

This report must be filed within ten days after completion of well.
Use this form for the Departmental Report on all wells completed.

COMPANY OPERATING Gypsy Oil Co.,

ADDRESS Box 22044, Tulsa.

LESSOR Gypsy Oil Company

LESSOR A.M. Matthews,

WELL No. 1 ZONE SEC. 10 T. 27 R. 6 : Design COUNTRY

Well located	Pl. N. E. of	and	Pl. E-W. of	Elevation	(Described, review below)
Located 300' from each line in the S.W. corner of the property.					
Well drilled by C. H. Hubbard	Superintendent		C. P. Dimitt		
Date commenced drilling 3-19-31	, 19	Finished	5-28-31	, 31	
Date commenced downhole	, 19	Finished		, 31	

CABINETS USED IN DRILLING				CABINETS LEFT IN HOLE	SHOT	CABINETS				
Length	Dia.	Wt. per ft.	Thread	Length	Landed at	Length	Make	Kind	Length	Shot at
20 ft.	30 in.	200 lb.	8	Per ft.	Pl.	20 ft.	Pl.	Pl.	Pl.	Pl.
1790 ft.	14 $\frac{1}{2}$ in.	70 lb.	8	Per ft.	n. pullback	Pl.	Pl.	Pl.	Pl.	Pl.
1400 ft.	20 $\frac{1}{2}$ in.	80 lb.	10	Per ft.	n. 1400 ft.	Pl.	Pl.	Pl.	Pl.	Pl.
1200 ft.	19 in.	40 lb.	10	Per ft.	n. pullback	Pl.	Pl.	Pl.	Pl.	Pl.
2000 ft.	80 in.	50 lb.	10	Per ft.	n. 2000 ft.	Pl.	Pl.	Pl.	Pl.	Pl.
2100 ft.	8-5/8 in.	24 lb.	10	Per ft.	n. 2100 ft.	Pl.	Pl.	Pl.	Pl.	Pl.
2100 ft.	5-5/16 in.	17 $\frac{1}{2}$ lb.	13 $\frac{1}{2}$ in.	liner set 2000 ft.	2100 ft. 6"	Pl.	Pl.	Pl.	Pl.	Pl.

What was done to protect mud when outside casing was pulled?

At 2000' completely dried off, 2000' Answer water with oil 100% percent. Is off cut 2000'

On initial 2000' production 100 bbls. Total 2000' production after shot bbls. Shot from in , off , on , etc.

Not yet made

Taking

Gas - Initial open flow sand from	ft. to	ft.	cu. ft. rock pressure	psi per sq. in.
Initial open flow sand from	ft. to	ft.	cu. ft. rock pressure	psi per sq. in.

Dry Hole - State what steps have been taken to plug:

Logistic fee paid G.O.C. N. Wisc., \$50

Date 5-28-31

Amount \$ 100.00

a/c Anna M. Matthews, Minn.

CD Dimitt

Your position with the lease genl. agent.

02000

FORMATION RECORD

Note each change in formation, i. e., sand, lime, shale, etc.
 Note character of each formation, i. e., color, texture, thickness, etc.
 Note thickness of each formation, i. e., 10, 20, 30, etc.

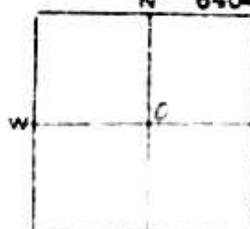
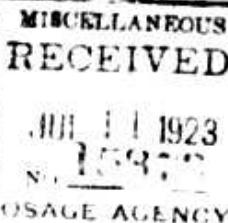
From	To	From	A.M. MILEAGE	
FORMATION	FORMATION	PCMH	TO	From
Sandy shale soft		0	10	1
Red mud soft		10	45	2
red mud soft		45	50	3
Lime white hard		60	210	4
Lime soft		910	950	Lime
Lime white hard		950	960	Lime
Lime blue soft		960	440	She
Lime white hard		460	460	Bar
Shale grey hard		460	500	Lime
Lime white hard		500	510	Bar
Shale grey soft		510	540	Lime
Lime white hard		540	550	Sh.
Shale grey soft		550	575	Lime
Lime white hard		575	620	Sh.
Shale grey soft		620	650	Lime
Lime grey hard		650	660	Lime
Shale grey soft		660	665	Lime
Lime grey hard		665	725	Lime
Sand white hard		725	775	Lime
Shale grey soft		775	815	Lime
Lime grey hard		815	825	Lime
Shale grey soft		825	900	Lime
Lime white		900	935	Lime
Lime grey		935	990	Lime
Shale grey		990	1020	Lime
Sandy lime		1020	1025	Lime
Red mud soft		1025	1090	Sand
Sand grey 1020		1090	1115	Sand
Red mud soft		1115	1120	1090
Sand lime grey soft		1120	1195	1090
Lime grey hard		1195	1210	1090
Shale grey soft		1210	1250	1090
Lime grey hard		1250	1280	1090

From	To
grey soft	1275 1240
grey soft	1240 1260
white soft	1260 1280
white soft	1280 1300
grey hard	1300 1455
white 1220	1455 1505
grey	1505 1565
grey	1565 1585
grey	1585 1610
grey hard	1610 2075
black hard	2075 2095
a black soft	2095 2095
black hard	2095 2125
grey hard	2125 2160
gray soft	2160 2165
sandy gray soft	2165 2175
grey lime hard	2175 2275
grey hard	2275 2505
grey hard	2505 2555
grey hard	2555 2705
black hard	2705 2755
black hard	2755 2925
white soft	2925 2925
white soft	2925 2925
grey soft	2925 2915
sand	2915
sand to	2925 2925
stabil 29	
mud hole	

1-2 SEC. 10 T 27 R 5
N 640-A

02524

5-425a



DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS
FOR LANDS COVERED BY DEPARTMENTAL LEASES

SPECIFY OIL, GAS OR DRY OIL

This report must be filed within ten days after well is shut or producing naturally.
See also Special Supplemental Report on Wells plugged back.

COMPANY OPERATING	Gypsy Oil Co.,	ADDRESS	Box 444, Tulsa,
LESSEE	Gypsy Oil Company	LESSOR	Anna Matthews,
WELL No.	1	R.E. SEC	10
		T	27
		R	5
		Usage	
COUNTY			

Well located Pt. N-S of and Pt. E. W. of .
Located 300' from each line in the S.E. corner of the property. (Derrick floor, relative to sea level.)
Well drilled by C.H. Hubbard Superintendent C.H. Dimit.
Date commenced drilling 3-19-23 Finished 5-30-23
Date commenced deepening , 19 , 19

CASED HOLE DRILLING				OPEN HOLE IN WELL				PACKERS			
Length	Size	Wt per ft	Thread	Length	Landed at	Length	Size	Make	Kind	Length	Set at
36	20	80	8	36		0				ft	ft
790	15	70	8	790	Pulled	0				ft	ft
1405	12	50	10	1405		0				ft	ft
1905	10	40	10	1905	Pulled	0				ft	ft
2285	8	32	10	2285		0				ft	ft
2707	6-5/8"	24	10	2707		0				ft	ft
218	6" 3/16"	17	11	218	11 1/2" liner set 2900'. 218' 6".					ft	ft

What was done to protect sands when outside casting was pulled?

Is water completely shut off? Yes Amount water with oil none percent Is oil cut No.

Oil Initial 24-hr production 100 bbls Initial 1/hr production after shot bbls. Shot from to , size qts.
Not yet shot.

Tubing

Gas Initial open flow sand from	ft to	ft	Oil fr. rock pressure	lbs. per sq. in.
Initial open flow sand from	ft to	ft	Oil fr. rock pressure	lbs. per sq. in.

Dr. Hole State what steps have been taken to plug:

Location fee paid \$600 to Anna, SDO Date 2-20-23 Amount \$ 100.00

a/c Anna M. Matthews, minor.

C.H. Dimit

Your signature with the lessor Genl. Supt.

MISCELLANEOUS
RECEIVED

MAR 26 1924

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS
ON LANDS OWNED BY DEPARTMENT OF INDIANS
U. S. BUREAU OF MINES

No. 78-15

OSAGE AGENCY

COMPANY OPERATING ADDRESS 1000 ft. 44, 7 mi. N.

LESSEE J. C. McPherson & Company LESSOR J. C. McPherson

WELL NO. 2 SEC. 16 T. 27 R. 52 COUNTY Osage

WELL NO. 200 T. 27 R. 52 Elevation 1069

Well tested by K. W. Miller
Dec. 1, 1923 - 1-1-24
Date sample takenSupervision date 1-1-24
Casing finished 1-1-24
Pump finished 1-1-24

Type of derrick Standard wooden derrick

Method	Diameter	Cable	Top of Casing	Dimensions of Casing		Mass	Kind	Length	Set at
				Size	Length				
1. Casing	40"	200 ft.	90	8	40	60	-	60	60
2. Casing	15½"	70 ft.	70	10	796	60	60	60	60
3. Casing	12½"	60 ft.	50	10	1319	60	60	60	60
4. Casing	10"	40 ft.	40	10	1580	60	60	60	60
5. Casing	8"	32 ft.	32	10	2130	60	60	60	60
6. Casing	6-5/8"	24 ft.	18	10	2720	60	60	60	60
7. Casing	5-3/16"	17	11½	18½	2864	-	-	-	-

(Method of pulling well, if different from above, and reason for change. If same as above, state "none")

Casing.

What was the proportion of water to oil when casing was pulled?

Small casing was left in hole when large casing was pulled.

Is water completely shut off?	Year	Amount water withheld	No. no.	Percent	Is oil shut off?	No.	Size	qts.
out. Total at the production	1420	144	Initial 24 hr. production after shut	114	Shut from	NONE		
Capacity of oil	Date	Pump						
600	Initial, with flow, and final	10-60	0		Casing, top pressure		60 per sq. in.	
600	Final, upflow, and final	10-60	0		Casing, rock pressure		60 per sq. in.	

REMARKS

(State additional facts concerning wells, such as, number of wells, number of perforations and depths.)

02527

FORMATION RECORD

From To Freq

Note each change in formation, e.g., sand, shale, sandy shale, etc.
Note also any other characteristics, such as color, texture, etc. The following
gives contents of one formation, i.e., oil, gas, water, and sand, or water, sandy, etc.

Surface

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS
FOR USE ON CANADA - PREPARED BY DEPARTMENTAL ORDER
 U. S. BUREAU OF MINES

MISCELLANEOUS RECEIVED	
MAR 28 1924	84-27
NO.	USAGE AGENCY

COMPANY OPERATING **Standard Oil Company** ADDRESS **Rockford, Ill., U.S.A.**

LESEE **Standard Oil Company** LESSOR **U. S. Government**

WELL No. **3** SEC. **12** T. **27** R. **5E** COUNTY **Otsego**

Well completed **7-27-1923** by **Standard Oil Company** and **2** FUE **AX** of **West** Block **1092**

Well produced **McGilland - Yearly** Supervisor **J. C. Smith**
 Date commenced **1-26-24** Last tested **3-2-24** **1924**

Date commenced **1-26-24** Last tested **3-2-24** **1924**

Type of rig **Standard wooden**

Method of drilling **Coring**

Depth	Diameter	Drill bit	Drill pipe	Length	Speed	Rate	Length	Serial
19	20	90	8	12	19			
840	160	70	10	840	840			
1221	124	50	10	None				
1603	10	40	10	None		Left show in hole		
2314	81/2	32	10	2314	2314			
2756	6-1/2	70	10	2756	2756			

Method of testing **Core** (Coring) **Water** (Water) **Gas** (Gas) **Oil** (Oil) **Other** (Other)

Gas

What was left in hole when testing was **20 ft.**

Well cased **left to hole after large cap** it was pulled.

Is water completely shut off? **Yes** Amount water shut off **None** percent closed off **0**

Oil found at top production **500** **psi** Initial oil production after shut-in **600** **psi** Shut from **2969** to **2969** size **20** **gpm**

Cracking point **1000** **psi** Fracture pressure **1000** **psi** Tapping **4000** **psi**

Gas initial pressure at bottom **1000** **psi** Gas initial pressure at bottom **1000** **psi** Gas per sq in **1000** **psi** Gas per sq in **1000** **psi**

REMARKS

FORMATION RECORD

02.0.19

From To Date

Note each change in formation, as, sand, shale, sand-shale, etc.
Time taken to penetrate each formation, in minutes. The time
Note content of each formation, gas, oil, water, and bottom water, if any.

Sediment

G2536

MISCELLANEOUS
RECEIVEDDEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLSFOR USE IN LANDS OWNED BY DEPARTMENT OF INTERIOR
U. S. BUREAU OF MINESMAR 28 1924
NO. 321
USAGE AGENCYCOMPANY OPERATING **Wyoming Oil Company** ADDRESS Box 8044, Tulsa, Okla.LESSEE **Cyrus H. Lanning** LESSOR **W. H. Matthews**

WELL No. 4 SEC 10 T 27 R 52 COUNTY Osage

Well Number 300 Depth 98' Full Well Best 1074

Well Name **Conoco 141** Date, C. **1-24-24** Surface Top **7400 ft** Depth **98 ft** Drilled by **P. A. Smith**Date completed **1-24-24** Drilled by **P. A. Smith** Date completed **1-24-24** Drilled by **P. A. Smith**Type of well **Standard Casing**Method of drilling **Cable Tool**

Casing	Size	Weight	Length	Lambert	Depth	Method	Time	Length	Surface
1400	10-1/2	90	8	38	38				
840	15-1/2	70	10	840	840				
1210	12-1/2	50	10	none					
1470	10-1/2	40	10	none					
2290	8-1/2	32	10	2290	2290				
2737	6-5/8	24	10	2737	2737				
185	5-3/16	17	11½	185	2910				

Method of drilling or reaming (C. = Cased, D. = Drilled, R. = Reamed, G. = Graded, S. = Spud, C. = Casing)

Casing

What was last pulled? (C. = Casing was pulled)

Large casing + 10 ft, small casing left in hole + 10 feet sand.

Is water completely absent? Yes Amount water withdrawn **0** percent of oil at **No**Oil produced from bottom **450** qts Initial 24 hr production after shot **0** qts Shot from **No** shot size **qts**Gravity of oil **36** API Specific gravity **0.888** SG **0.888** SGOil produced **0** bbls Water produced **0** bbls Gas produced **0** cu ft Gas produced **0** cu ft

REMARKS

Under date of **Mar 28 1924** the following property shown in the accompanying map was examined and found to contain no oil, gas, or petroleum, and no貫通 was made in any well or well hole.

FORMATION RECORD

From To Enter

Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
Note character of each formation, i. e., color, hard, soft, easily, etc. Underline
Note contents of each formation, i. e., oil, gas, water, and kind of water - salty, etc.

02531

Surface

02532

5 425a

MISCELLANEOUS
WELL DRIVING

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS
FOR USE ON LANDS OWNED BY DEPARTMENT LEASEES
U. S. BUREAU OF MINES

1924

5/225

COMPANY OPERATING **CHIEF** 11 Company **ADDRESS** P. O. Box 4147, Tulsa, Okla.**LESSEE** **CHIEF** 11 Company **LESSOR** **CHIEF** Matthews**WELL No.** 5 **SEC.** 10 **T.** 27 **R.** 58 **COUNTY** OrangeWell located **on** **1/4 ACRE** **South and** **300** **ft. N. West** **East** **Elevation** **1100**Well driller **Carl King** Superintendent **Pitman**
 Date commenced **2-1-24** Finished **4-1-24**Date commenced **2-1-24** Finished **4-1-24**Type of rig **Mastard** **Order** **Pig**Method of driving **Shuttle Tools**

Length	Size	Depth	Length	Size	Depth	Length	Size	Depth	Length	Size	Depth
884	15 ¹ / ₂	72	10	None	72	10	None	72	10	None	72
1279	12 ¹ / ₂	50	10	None	50	10	None	50	10	None	50
1608	10	40	10	None	40	10	None	40	10	None	40
2302	8 ¹ / ₂	32	10	2302	2302	10	None	2302	2302	10	None
2769	7 ¹ / ₂	24	10	2769	2769	10	None	2769	2769	10	None
179	5 ¹ / ₂	17	11	179	179	11	2938	179	179	11	2938

Method of shooting **Water** (**1** = **1/2 acre foot of water** or **43,560 cubic feet** of water) (If several periods of shooting, multiply by number)**Choking.**

What was done to prevent cables where outside casing was pulled?

Small casing left in hole after large one was pulled.

14 water completed at **0 ft.** **yes** Amount water with oil **None** percent **Breakout** **No**Oil Initiated 2 hr production **None** Mds. Total 2 hr production water shot **150** Mds. Shot from **235** to **2795** size **90** qts

Gravity of oil	Flow	Pump	Screening	Tubing	Gravel
One Initiated pump 1000 ft. 200 m	0	0	0	Crush Rock pump	100 per sq. in.
Two pumps 200 ft. 60 m	0	0	0	Crush Rock pump	100 per sq. in.

REMARKS

This report is to show the driving of wells on lands owned by the U. S. Bureau of Indian Affairs, and operations in connection therewith performed and made in connection with lease No. 11, dated May 17th, 1924.

Signature

L. F. Chinn

A. G. Johnson with the Bureau, General Capt.

Note: On 2-1-24 was drilled a well, about 100 ft. deep, with 3-1/2" iron pipe and 3-1/2" lead pipe. Drilled down to 150 ft. with 3-1/2" iron pipe and lead pipe and a plug and 3-1/2" iron pipe was filled with lead sulphite. Then it partly shot off.

FORMATION RECORD

From To Date

Note each change in temperature, pressure, water, and gas content, and any other information which may be of interest. Enter in the space provided for each formation, the oil, gas, water, and kind of water, salinity, etc.

Surface

62500

100

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENERED WELLS
FOR USE ON LANDS OWNED BY DEPARTMENT OF INDIANS
U. S. BUREAU OF MINES

MISCELLANEOUS RECEIVED
APR 12 1924
NO. 11545
USAGE AGENCY

COMPANY OPERATING	11 Company	ADDRESS	2000 N. 22nd Street, Tulsa, Okla.
LESSEE	11 Company	LESSOR	J. C. Matthews
WELL No.	6	SEC.	10
		T.	27
		R.	SE
		COUNTY	Ottawa
Well number	980	From	North and
Completion of drilling	2-2-24	To	East
Date commenced deepening		Direction	1075 ft. A.G.N.Y.

Well Driller - Tom Joffe and Son
Date commencing drilling - 2-2-24
Date commenced deepening -

Superintendent - F. J. Smith
1st Drilled - 2-2-24
2nd Drilled -

Type of rig - Standard wooden
Standard deviation from the type of rig - None

Method of drilling - Cable tools.

CABLE TOOLS				CABLE TOOLS				CABLE TOOLS			
DEPTH	SIZE	WT. per ft.	Thread	DEPTH	LANDING	DEPTH	VALVE	LAND	DEPTH	VALVE	LAND
65 ft	20	70	8	65	65	65					
841 ft	18 1/2	70	10	841	841	841					
1240 ft	12 1/2	50	8	1240	1240	1240					
1435 ft	10	40	10	1435	1435	1435					
2285 ft	8 1/2	32	10	2285	2285	2285					
2743 ft - 5/8 in.	24	70	10	2743	2743	2743					
170 ft - 3/16 in.	17	11	17	2904							

(Indicate all formations in which tested. If formation not tested, indicate by question mark and method.)

Casing

What was done to protect sand when outside casing was pulled?

Sea 1 casing left in hole when inside casing was pulled.

Is water completely shut off? Yes Amount water with oil - None percent Is oil cut - No

Oil - Initial 24 hr production 240 bbls. Initial 24 hr production after shut off 750 bbls. Shut from 2948 to 2968, size 20 qt.

Capacity of oil	Balance Pump	Size and length	Tubing	Size and length
Gas - Initial open flow sand from	ft. to	ft.	in. dia. Rock pressure	lb. per sq. in.
Initial open flow sand from	ft. to	ft.	cu. ft. Rock pressure	lb. per sq. in.

REMARKS

(Give additional data of tubing, including string, plugging, or cementing and names of persons, and, if performed, number of feet perforated and depths.)

FORMATION RECORD

G-1000

From	To	Feet	
Note each change in formation, i.e., sand, lime, shale, sandy shale, etc. Note character of each formation, i.e., color, hard, soft, owing to... Underreamed? Note contents of each formation, i.e., oil, gas, water, and kind of water - salty, etc.			
Surface			(2535)

**MISCELLANEOUS
RECEIVED**

APR 11 1924

NO. (1234)

OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS
FOR USE ON LANDS OWNED BY DEPARTMENT OF INDIANS
U. S. BUREAU OF MINES

(This report must be mailed at once after completion of well.)

COMPANY OPERATING	Gypsy Oil Company	ADDRESS	P.O. Box 2044, Tulsa, Okla.								
LESSEE	Gypsy Oil Company	LESSOR	A.M. Matthews								
WELL No.	7	SEC.	10	T.	27	R.	5	COUNTY	Otsego	DATE	APR 18 1924
Well location	300' E. & N. of Town and	300	FEET	W. of	East	Elevation	1101'				
Well driller	Tom Loffland	Supervisor	P.H. Smith								
Date started drilling	1-7-24	1st	Lined	3-29-24	, 1924						
Date commenced pumping		2nd	Lined		, 1924						

Type 702 standard wooden rig.

(This report must be mailed at once after completion of well.)

Method of drilling - Cable tools

Length	Size	Weight	Thread	Length	Landed at	Length	Make	Knot	Length	Set at
19 ft	20	90	8	19	ft	ft			ft	ft
850 ft	18	70	10	850	ft	ft			ft	ft
1237 ft	12	50	10	1237	ft	ft			ft	ft
1610 ft	10	40	10	1610	ft	ft			ft	ft
2284 ft	8 1/2	32	10	2284	ft	ft			ft	ft
2885 ft 6 5/8 in.	24	20	10	2885	ft	ft			ft	ft

Method of shooting oil water (This report must be mailed at once after completion of well.)

When Large casting was pulled, small casting was left in hole.

Small casting shut off water

What was done to protect bottom when casting was pulled?

Large casting pulled smaller casting left in hole.

Is water completely shut off? Yes Amount water without None per cent. Breakout No

Oil - Total 24 hr production 500 bbls. Initial 24 hr production after start 742 1/2 bbls. Shot from 60 to 2965 size 2995 qua.

Conveyance	Dimensions	Pumps	Size and length	Tubing	Size and length
Gas	Initial open flow 1000 cu. ft.	0 ft.	0 ft.	On ft.	Rock pressure
	Total depth 1000 ft.	0 ft.	0 ft.	On ft.	Rock pressure

REMARKS

(This report must be mailed at once after completion of well.)

02537

1-17

FORMATION RECORD

From To **FEET**

Note each change in formation, i.e., sand, lime, shale, sandy shale, etc.
Note character of each formation, i.e., rock, hard, soft, crumbly, etc. - Unweathered?
Note contents of each formation, i.e., oil, gas, water, and kind of water - salty, etc.

Surface

025:38

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS
FOR USE ON LANDS OWNED BY DEPARTMENT OF INDIANS
U. S. BUREAU OF MINES

MISCELLANEOUS
RECEIVED
APR 12 1924
NO. 6381
OSAGE AGENCY

COMPANY OPERATING	ADDRESS	74554 - V.I.N. 10
LESSEE	LESSOR	APR 12 1924
WELL NO.	SEC. 10 T. 45 R. 5E COUNTY	1924
Well No. 17	10 X 10 ft. depth	1924

Well No. 17	Supervisor	1924
Day	1924	1924
Date	1924	1924

Type 620 Standard Grade Drill

Model 1920 Cut Off Drill

Line	Drill No.	Weight	Dia. in.	Length	Barrel	Length	Make	Line	Length	Set at
17	25	90 lb	8	17 ft	17 ft	0	P	0	0	0
866	15	90 lb	10	706 ft	816 ft	0	P	0	0	0
1270	17	50	8	None	None	0	P	0	0	0
2451	10	40 lb	10	None	None	0	P	0	0	0
2262	8	32 lb	10	15 ft	12 ft	0	P	0	0	0
2742	6-5.8m	24 lb	10	2743 ft	2743 ft	0	P	0	0	0
170	5-2	10	17	170 ft	170 ft	0	P	0	0	0

Method of Drilling: Water (Water cut and dry. Dry cut and water cut and mixed.)

Cut off

What was found on topsoil and where outside gas was pulled?

gas line cut off left in ground when 14 ft. down was hit.

Is water completely shut off? Yes Amount water without flow percent. Shut out No

Oil found after production 1.80 lbs. Total 24 lbs. oil found after shot Hds. Shot from to size qts.

Drill cut off	Burner Pump	Size and length	Tubing	Size and length
---------------	-------------	-----------------	--------	-----------------

Gas found after production	ft. m	ft.	Gas in Rock pressure	lb per sq. in.
Gas found after production	ft. m	ft.	Gas in Rock pressure	lb per sq. in.

REMARKS

(Indicate all wells completed during this trip, giving name, location, date, sample, and type of rock or soil, and, if perforated, number of feet perforated and depths.)

FORMATION RECORD

10-479

From To Feet

Note each change in formation, i.e., sand, lime, shale, sandy shale, etc.
Note color, texture, fossils, oil, gas, water, and kind of water, etc.
Note contents of each formation, i.e., oil, gas, water, and kind of water, etc.

Surface

12,525

**DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED DRILLED AND TESTED WELLS**

CITY OF SIOUX CITY, IOWA, U.S.A.
U. S. BUREAU OF MINES

MISCELLANEOUS RECEIVED
APR 11 1924
NO. 62540
USAGE AGENCY

COMPANY OPERATING	SYNTHETIC OIL COMPANY	ADDRESS	ST. LOUIS, MISSOURI	LEASED
LESSEE	Wyoming Company	LESSOR	Wyatt	LEASED
WELL NO.	9	SEC.	10	T. 27 R. 5 COUNTY OF SIOUX COUNTY IOWA 1924
Well No. 10	W.M. Corbett	Sec. 10	north part	980 ft. Fwd. W. of East
Date completed	2-1-24			1924
Date first pumping				
Tested				
Supervision				
191 ft. tested				191 ft. - 24
191 ft. tested				191 ft.
191 ft. tested				191 ft.
Type of well	Standard Coker			
Method of drilling	Cable tool			
Length	191 ft.	Bottom	191 ft.	Bottom
191 ft.	90 ft.	8 ft.	191 ft.	Bottom
945 ft.	15 ft.	8 ft.	945 ft.	Bottom
1237 ft.	12 ft.	8 ft.	1237 ft.	Bottom
1425 ft.	10 ft.	10 ft.	1425 ft.	Bottom
2260 ft.	8 ft.	10 ft.	2260 ft.	Bottom
2715 ft. 5/8 in.	24 ft.	10 ft.	2715 ft.	Bottom
191 ft. 1/16 in.	17 ft.	11 ft.	191 ft. Liner set at 2900 ft.	Bottom

Method of testing water (1) Water flowing and flowing back (2) Water flowing and flowing back (3) Water flowing and flowing back (4) Water flowing and flowing back)

Casing.

What was done to prevent gas when outside casing was pulled?

Large pipe pulled small casing left in hole to shut off water

Is water completely shut off? Yes Amount water with oil None per cent. Fluid out No

Oil barrel 24 hr production 960 lbs. Initial 24 hr production after shut off. Shut from None size qts.

Crude oil fluid. Fluid Pump. Size and length. Tubing. Size and length.

Oil fluid pump. 100 ft. 10 ft. Current Rock pressure. lbs. per sq. in. Oil fluid pump. Current Rock pressure. lbs. per sq. in.

REMARKS

(This additional space is provided for remarks concerning the wells, geological conditions, and experimental results of the test and depth.)

FORMATION RECORD

62541

From To Feet Note each change in formation, i.e., sand, lime, shale, sandy shale, etc.
Note character of each formation, i.e., soft, hard, white, gray, etc. Underlined²
Note contents of each formation, i.e., oil, gas, water, mud, kind of water, salty, etc.

Surface

MISCELLANEOUS
RECEIVED02512
DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS

MAR 21 1924

11818

MAY 24 1924 FINAL REPORT OF COMPLETED OR DEEPENED WELLS

FOR USE ON LAND OWNED BY DEPARTMENT OF INDIANS

U. S. BUREAU OF MINES

S-1

ORANGE AGENCY

COMPANY OPERATING U. S. BUREAU OF MINES ADDRESS 1411 M. ST., N. W., W. D.

LESSEE U. S. BUREAU OF MINES LESSOR U. S. GOVERNMENT

WELL No. 1 SEC. 11 T. 27 R. 52 COUNTY WYOMING

WELL DEPTED 7-3 1924 BY U. S. BUREAU OF MINES

WELL DRILLED 9-10-1924 SUPERVISOR J. H. COOPER

DATE DRILLED 1-24-24 TESTED 1-27-24

DATE COMPLETED 1-27-24

DATE PLATED 1-27-24

DATE RECOMPLETED 1-27-24

DATE REPLATED 1-27-24

Type of rig Traveling tower derrick.

Method of drilling Cable tools.

Length	Size	Weight	Thread	Length	Diameter	Tension	Material	Type	Depth	Set at		
											in.	lb.
36	20	30	8	36	36							
317	15	70	8	36	36							
1157	12	50	10	36	36							
1165	10	40	10	1865	1.75							
5029	9	32	10	5229	2.25							
2700	6-5/8	24	10	2700	2.75							
190	5-3/16	17	10	199	2.75							

Method of shooting oil water (Cable tool, wire line, and bottom hole. Drill rod and gun, bottom hole, or bottom hole gun, etc.)

Casing used

What was done to prevent sand when outside casing was pulled?

Well 21 cased out last in hole after sample of sand was pulled.

Is water completely shut off? Yes Amount water withdrawn? No per cent. Is oil out? No

Oil Initial 21 hr production 120 bbls Initial 24 hr production after shut 30 bbls Shot from 7-12 size qts.

Gravel or sand taken from Pump Sand and shale Tubing Sand and shale

Gas Initial 21 hr w. 21 bbls 0.16 cu ft. Cu ft. Rock pressure per sq. in. per sq. in.

Initial 24 hr w. 30 bbls 0.16 cu ft. Cu ft. Rock pressure per sq. in. per sq. in.

REMARKS

(Information concerning gas, water, oil, shale, gravel, or sand, including pressure, amount, and time of production, water per hour, number of feet perforated and depth.)

FORMATION RECORD

P-607

From To Feet

Note each change in formation, i.e., sand, lime, shale, sandy-shale, etc.
Note character of each formation, e.g., color, texture, etc. Is it fossiliferous?
Note contents of each formation, i.e., oil, gas, water, and mud or water, salty, etc.

Surface

12013

MISCELLANEOUS
RECEIVED

MAR 24 1924

FINAL REPORT OF COMPLETED OR DEEPESED WELLS

NO. 1
USAGE AGENCY

5-4250

C2514

MAR 21 1924

11859

DEPARTMENT OF THE INTERIOR

OFFICE OF INDIAN AFFAIRS

CHIEF INDIAN AND ALASKA DEPARTMENT AGENTS

U. S. BUREAU OF MINES

COMPANY OPERATING ADDRESS TOWN, CITY

LESSEE Gyrodyne Company LESSOR Gyrodyne Co.

WELL No. 1 SEC. 10 T. 27 R. SE COUNTY STATE

Well location Sect. of Township Twp. E. or W. of West Block 1054
Wellsite address Gyrodyne Pond

Date commenced 1-21-24 Superintendent Gyrodyne
Date completed 1-24-24 , 100 Finished 1-24 191
Date abandoned 1-24-24 , 191 Finished 1-24 192

Type 102 Gyrodyne Sandstone, thin bedded, thin bedded type, very good, no cuttings, 22 ft. thick

Method of drilling Cut & Drill

Length	Cav.	Set back	Thread	Depth	Diameter	Length	Miles	T. & R.	Length	Set back
35	20	10	8	8	100	100	100	100	100	100
1164	12	30	8	8	100	100	100	100	100	100
840	15	70	8	8	100	100	100	100	100	100
1400	10	60	10	10	100	100	100	100	100	100
2276	3	32	10	10	2276	2276	2276	2276	2276	2276
2650	5	24	10	10	2650	2650	2650	2650	2650	2650
166	1-7-16	17	11	11	100	100	100	100	100	100

Method of boring Cut & Drill (Boring and drilling, including all tools, instruments, accessories, etc., required for the work.)

Can't be used

What was done to the well when outside casing was pulled?

Small pipe left in the bottom. Bottom pipe was pulled.

Is water completed? Yes Amount water withdrawn 0.000 percent Is oil out No

Oil Initial production 14.22 MM. Initial gas production after shut 1550 MM. Gas rate 17.22 MM. Gas rate 0.000

Gravity of oil 14.22 Pump 14.22 Pump rate 0.000 Pump rate 0.000

Gas Initial production 0.000 Gas rate 0.000 Gas rate 0.000 Gas per sq. in.

Initial production 0.000 Gas rate 0.000 Gas rate 0.000 Gas per sq. in.

REMARKS

FORMATION RECORD

Prior To Ever

Note each change in lithology and borehole characteristics observed in the well. Indicate the depth at which each change occurs. Record all information, i.e., oil, gas, water, and bottom hole pressure.

Surface

62545

MISCELLANEOUS
RECEIVED

APR. 12 1924

NO. 1066
OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEFPENED WELLS
REGISTRATION CARD FOR THE DEPARTMENT OF MINES
U. S. BUREAU OF MINES

COMPANY OPERATING **Standard Oil Company**ADDRESS **801 2044, El Paso, Tex.**LESSEE **Standard Oil Company**LESSOR **W.L. Matthews**WELL No. **12** SEC. **10** T. **27** R. **5E** COUNTY **Osage**Well number **980** D. N. **X** E. **South end** 300 Ft. E. **West** of **El Paso**, Tex.Well Drilled **Atkins-Lemaster**
Date started **1-25-24**
Date finished **1-25-24**Superintendent **P.H. Smith**
1st Drilled **1-21-24**
2nd Drilled **1-21-24****Type of well** **Standard wooden derrick.****Method of drilling** **Cable Tools**

Depth	Size	Wt. per ft.	Diameter	Drill Bits		Length	Set at
				Length	Handle Bar		
40'	20	90	8	40	40	"	"
868	15	70	10	NONE	"	"	"
1225	12	50	10	NONE	"	"	"
1462	10	40	10	NONE	"	"	"
2257	8	32	10	2257	2257	"	"
2686	6-5/8	24	10	2686	2686	"	"
194	5-3/16	17	11½	194	2880	"	"

Method of starting - **Twister** (A straight line starting and following an established direction, not twisted)**Casing**

What was done to protect sand when outside casing was pulled?

Small casing was left in hole after large casing was pulled.Is water completely shut off? **Yes** Amount water with oil **None** percent **Dead cut** **No**Total initial 24 hr production **300** cu. ft. Initial 24 hr product after shut **480** cu. ft. Shut from **2932** to **2948** size **30** qts

Watered down	Drained	Temp.	Size and Length	Tubing	Size and length
Open to and above ground	in. to	ft.		Cut off Rock pressure	Per cent in.
Plugged just below ground	in. to	ft.		Cut off Rock pressure	Per cent in.

REMARKS

(This well is a gas producer. It has been producing the gas at the surface and has been producing gas over and is reported to have been perforated and drilled.)

FORMATION RECORD

62517

From To Fath.

Note each change in formation, like sand, lime, shaly, sandy shale, etc.
Note character of each formation, like hard, soft, varying, etc., if determined.
Note contents of each formation, like oil, gas, water, and kind of water - salty, etc.

Surface

MISCELLANEOUS
RECEIVED

APR 14 1924

NO. (147)

OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENERD WELLS

FOR USE IN OREGON, WASHINGTON, IDAHO AND UTAH
 U.S. BUREAU OF MINES

COMPANY OPERATING

ADDRESS

Tulsa, Okla., U.S.A.

LESSEE Wiley Oil Company

LESSOR

W. G. Newsome

APR 18 1924

WELL NO. 12 SEC. 10 T. 27 R. 5

COUNTY OSAGE

OKLA.

WELL NO. 980 D. N. S. South end 980 Full 100% West 100% OSAGE AGENCY

WELL NO. 12 Date - Taken-Lester

Supervisor - F. J. Smith

144 Date - 2-11-24

Last Drilled - 4-7-24

Date - 1924

Last Traced - 1924

1924

pecting Standard Wooden Rig.

Method of Drilling - Cable Tools

Depth	Size	Weight	Dressed	Length	Landed at	Length	Miles	End	Length	Set at
42	20	90	8	42	42	0	0	0	0	0
879	15 $\frac{1}{2}$	70	10	None	None	0	0	0	0	0
1230	12 $\frac{1}{2}$	50	10	None	None	0	0	0	0	0
1382	10	40	10	1382	1382	0	0	0	0	0
2243	8 $\frac{1}{2}$	32	10	2243	2243	0	0	0	0	0
2734	6 $\frac{1}{4}$ /8	24	10	2734	2734	0	0	0	0	0
156	5 $\frac{3}{16}$	17	11 $\frac{1}{2}$	156	2867	0	0	0	0	0

Method of Drilling - Water (The amount of water and time consumed will be given in the space below if water was used.)

Casing

What was the size of the hole when outside casing was pulled?

Small casing was left in hole after large casing was pulled.Is water completely shut off? **Yes** Amount water with oil - **None** percent. Fluid cut - **None**Initial 24 hr production **360** bbls. Initial 24 hr production after shot **500** bbls. Shot from **2930** to **2958**, size **40** qua.

Quantity of oil	Barrels	Pump	Tubing		Size and length
			Size and length	Tubing	
0.0	Initial shot - Drawn from	It. to	ft.	On It. Rock perforated	It. per sq. in.
0.0	Initial shot - Drawn from	It. to	ft.	On It. Rock perforated	It. per sq. in.

REMARKS

(Give additional information concerning extracting, fishing, pumping, etc., size of strings, and major and minor perforations of pipe set, and if perforated, number of feet perforated and depths.)

02519

FORMATION RECORD

Note each change in formation in feet and time, shale, sandy shale, etc.
Note character of cementation, color, thickness, casing, etc., if required?
Note contents of each formation, i.e., oil, gas, water, and kind of water, saline, etc.

From To Feet

Surface

MISCELLANEOUS
RECEIVED

APR 27 1924

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS,
 Title 43, section 1, chapter 1, Department of Interior
 U. S. BUREAU OF MINES

(W.M.)
 MAILING AGENCY

COMPANY OPERATING Gypco Oil Company ADDRESS P.O. Box #1044, Tulsa, Okla.

LESSEE Gypco Oil Company LESSOR C. H. Matthews

WELL NO. 14 SEC. 10 T. 27 R. 54 COUNTY Osage

Well No. 14601 Depth 100' to K-10 E. Line Depth 1065'

Well name Gypco Tulsa Operator F. R. Smith

Date completed 2-12-24 Last drilled 4-15-24

Method of drilling rotary

Type of derrick Standard wooden derrick.

Method of pulling Cable tools

Length	Dia.	Spool	Spool	Length	Length	Length	Max.	End	Length	Set at
40'	20	90	8	40	40	40	40	40	40	40
840'	18 $\frac{1}{2}$	70	10	700	840	840	840	840	840	840
1322'	12 $\frac{1}{2}$	50	10	None	1322	1322	1322	1322	1322	1322
1577'	10	40	10	None	1577	1577	1577	1577	1577	1577
2265'	8 $\frac{1}{2}$	32	10	2265	2265	2265	2265	2265	2265	2265
2730'	6 $\frac{5}{8}$	24	10	2730	2730	2730	2730	2730	2730	2730
166'	5 $\frac{3}{16}$	17	11 $\frac{1}{2}$	166	2890					

Method of shutting in well. (Casing tested right after completion, and during test, or when drilling started.)

Casing

What was done to prevent oil when casing was pulled?

Small casing was left in hole after large casing was pulled.

Is water completely shut off? Yes Amount water withheld None percent Total oil No

Oil formed at the production None Oil formed at production after shot 350 bbls. Shot from 2945 to 2960, size 30 qts

Country	End	Pump	Surface height	Tubing	Size and length
---------	-----	------	----------------	--------	-----------------

Oil	Bottom open flow	ft	ft	Bottom Rock pressure	lb per sq. in.
	Bottom open flow	ft	ft	Bottom Rock V pressure	lb per sq. in.

REMARKS

Other information concerning this well, including plugging, the amount of gas and time for control of gas oil, and if perforated, number of feet perforated and depths.

FORMATION RECORD

6-65

From To Fwd.

Note each change in formation, i.e., sand, lime, shale, etc.
Note any rock or mineral which may be found in the formations.
Note contents of each formation, i.e., oil, gas, water, sand, etc.

Surface

62551

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS

FOR THE INDIANS - WELLS DRILLED ONCE - OIL & GAS
U.S. BUREAU OF MINES

RECEIVED

APR 18 1924

U.S. BUREAU OF MINES

INDIAN AGENCY

COMPANY OPERATING: OKLAHOMA OIL & GAS ADDRESS: OKLAHOMA CITY, OKLA.

LESSEE: OKLAHOMA OIL COMPANY LESSOR: OKLAHOMA INDIANS

WELL NO.: 15 SEC: 17 T: 27 R: 58 COUNTY: Oklahoma

Well depth: 900 ft. 0 ft. North and 900 ft. 0 ft. East. Total elevation: 5066'

Date started: 4-7-24 Supervisor: R. E. Smith

Date finished: 4-7-24 Drilled by: 4-7-24

Date completed: 4-7-24 Drilled by: 4-7-24

Type of rig: Standard Well Driller

Method of drilling: Cable Tool

Depth	Dia.	Weight	Drill	Length	Landed at	Bottom	Mean	Kind	Length	Set at
78	20	90	8	78	78			78	78	
843	18	70	10	None				78	78	
1286	12	50	8	None				78	78	
1580	10	40	10	None				78	78	
2265	8½	32	10	2265	2265			78	78	
2736	6½	24	10	2736	2736			78	78	
166	5-1/16	17	11½	166	2685			78	78	

Method of stimulation of water: (Indicates if water was stimulated by injection of acid, gas, or other chemicals.)

Testing

What was discovered in the hole when the last casing was pulled?

Small casing left in hole after large cas. sp. was pulled.

Is water completely shut off? Yes Amount water with oil: None per cent: 0 oil cut: No

Not shot

Oil found: Initial 2 hr production: 800 bbls. Initial 2 hr production after shot: 0 bbls. Shot from: to: size: qts.

Capacity of tank	Bottom	Pump	Water and length	Tubing	Size of line
1000	Bottom open flow no tank	0 ft.	0 ft.	1000 ft. Block pressure	100 ft. per sq. in.
1000	Bottom open flow no tank	0 ft.	0 ft.	1000 ft. Block pressure	100 ft. per sq. in.

REMARKS

(Give details of tanks, pumps, etc., used in drilling, testing, pumping, etc., also bottom and top of well, size of pipe or oil and gas produced, number of perforated and depths.)

FORMATION RECORD

6-628

From To From

Note each change in formation - e.g. from shale, sandy shale, etc.
Note thicknesses of formations, and water levels in boreholes.
Note contents of each formation, i.e. oil, gas, water, and gas/water salinities.

Surface

125.57

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELL**

RECEIVED
APR 18 1924
U. S. BUREAU OF LAND AFFAIRS
FEDERAL LAND POLICIES
GENERAL LAND OFFICE
AGENCY

COMPANY OPERATING - **WELL NUMBER** - **ADDRESS** - **STATE**

LESSEE - **LESSOR** - **STATE**

WELL NO. - **SEC.** - **T.** - **P.** - **SH.** - **COUNTY** - **State**

2717 - 20 - T. X - C. North and S. E. - L. C. X - Bent - Colo. - 1924

W.L.	9,000 ft.	Completion Date	Perforated
Date	2-17-24	100' Interval	4-24
Depth		100' Interval	100

Type - **Guarded** - **Interv.** - **Perf.**

Method - **Cable** - **Surf.**

No.	Dimensions						Method	Length	Set at
	27	20	90	Thread	10	72			
828	15.5	70	10	10	8	None			
1241	15	50	8	10	8	None			
1592	10	40	10	10	8	None			
2277	6	32	10	10	10	2277	2277		
2717	6-3, 8	24	10	10	2717	2717	2717		
	179	5-3, 16	17	114	173	2965			

Method of completion of well (Casing, cement, sand, gravel, etc., or any other method of closing, sealing, or plugging)

Casing

What was the deepest point where no further casing was run?

Small casing left in hole after large casing was pulled

Is water in place bottom? **Yes** - Amount water - **0** - **No** - **One** percent - Is oil cut - **No**

Oil produced per day **600** bbls. Initial production after shot **650** bbls. Shot - **2811** to **2935** size **.35** sps.

Size	Length	Total	Size and Length
100 ft. - 100 ft. - 100 ft.	100 ft.	100 ft.	100 ft. - 100 ft. - 100 ft.
100 ft. - 100 ft. - 100 ft.	100 ft.	100 ft.	100 ft. - 100 ft. - 100 ft.

REMARKS

FORMATION RECORD

P-602

From **To** **Ft.**

Note each change in formation, i.e., sand, lime, shale, sandy shale, etc.
Note character of each formation, as color, hard or soft, calcareous, etc.
Note content of each formation, fine, oil, gas, water, and kind of water - salty, etc.

Surface

(200)

02556

9-20-1932

**MISCELLANEOUS
RECEIVED**

APR 3 1929
No. 12714
OSAGE AGENCY

DEPARTMENT OF THE INTERIOR

UNITED STATES INDIAN SERVICE

Osage Indian Agency, Pawhuska, Okla.

PLUGGING RECORD

NOTICE—Permission must be obtained before any well is plugged.

Date of letter granting permission to plug: March 5, 1929LESSHEE Gypsey Oil Co. OSAGE NATION, LESSORAddress Box 2044, Tulsa, Okla.Well No. 5 4 1/2 in. Sec. 10 T. 27 R. 5 Osage CountyCommenced Plugging Work 3-7-29 Finished Work 3-30-29Character of Well (Whether Oil, Gas or Dry) oil Total Depth 3012 P.B. to 2905Name of producing sand Bottom 3005 Depth top 2942 Bottom 3005

Show depth and thickness of all fresh water, oil and gas formations (as Big Lime, Oswego, Bartlesville, etc.)

RECORD SANDS**CASING RECORDS**

Formation	From	To	Size	Put In	Pulled Out
sand	2942	3005	10 ¹ / ₂	884	884
			10 ¹ / ₂	1239	1239
			10	1508	1608
			8 ¹ / ₂	2222	2222
			6-5/8	2769	2769
			5-3/16	179 11 ¹ / ₂	none

Was well filled with mud fluid according to Regulations, approved March 7, 1922, governing operations of Osage leases in Oklahoma? yes Describe the manner in which the well was plugged.

Hole filled with mud to bottom of 5-3/16", with dump bailer. Dumped 10 sacks cement in bottom of liner 2933'. Recovered all of 6-5/8" or 128 jts. Muddled to bottom of 8¹/₂". Ripped 8¹/₂" at 2175' and pulled 3 jts. Recovered total of 102 jts. or 2222' of 8¹/₂", leaving 5 jts. in hole. This pipe was pulled 4 jts. at a time & hole muddled after each 4 jts. were pulled. After all of the 8¹/₂" was pulled, hole was filled with mud to top. Will let mud settle a few days and then run cement up on top.

Name of Inspector who supervised the plugging of this well: Mr. Bare, of Osage Indian AgencySigned: N. S. Jones
Representative of Company.REMARKS: Why plugged? quit producing If abandoned oil or gas well, state amount of last production January 1927. 1.00 bbls. oil and no water.Subscribed and sworn to before me this 2nd day of April 1932 2:5My Commission expires March 16, 1932O. K. by T. C. Bair Department Inspector.H. W. Evans
Notary Public.

UNITED STATES 02557
DEPARTMENT OF THE INTERIOR

Orig - OIA
1 - File

OSAGE INDIAN AGENCY
PAWHUSKA, OKLAHOMA

Date 10-9-58

RECEIVED
OCT 13 1958
OSAGE AGENCY

Application For Operation and Report On Wells
NORTH BURBANK UNIT 8

(Location fee paid to whom)	(Date)	(Amount)
Well No. 8 is located 300 ft. from {N SW} line and 980 ft. from {E SE} line.		
NE/4, Sec. 10	27N	5S Osage County, Oklahoma.
(1/4 Sec. & Sec. No.)	(Twp.)	(Range)
The elevation of the {surface derrick floor } above sea level is	ft.	

USE THIS SIDE TO REQUEST AUTHORITY FOR WORK
(three copies required)

Notice of intention to:

- Drill
- Change plans
- Deepen or plug back
- Convert
- Shoot or acidize
- Pull or alter casing
- Abandon well

Details of Work

State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work:

USE THIS SIDE TO REPORT COMPLETED WORK
(one copy required)

Character of well (whether oil, gas or dry) Oil

Subsequent report of:

- Conversion
- Shooting or acidizing
- Altering casing
- Plugging back
- Abandonment

Details of Work

This well temporarily shut down 10-9-58
to hold for future water flood recovery.

(Continue on reverse side if necessary)

This block for plugging information only

CASING RECORD

Size	In hole when started	Amount recovered	If parted	
			Depth	How

ORIGINAL TOTAL DEPTH

Plugging commenced.....

Plugging completed.....

Name of the inspector who supervised the plugging of this well.....

Leasee: Phillips Petroleum Company

By: *Jel Batez* Dist. Supt.

Subscribed and sworn to before me

this ____ day of ____ 19____

Notary Public

My commission expires _____

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Leasee: _____

By: _____

Title: _____

Address: _____ *R. D. Batez* 10-13-58

Approved: *R. D. Batez* 10-13-58

Osage Agency Inspector

42558
DEPARTMENT OF THE INTERIOR

OFFICE OF INDIAN AFFAIRS

In cooperation with
THE GEOLOGICAL SURVEY

SUPPLEMENTAL WELL RECORD

Note.—This supplemental well record of the deepening, plugging back, altering of casing, etc., done on the well since the previous record was filed must be submitted in DUPLICATE to the Superintendent or his agent not later than 15 days after work is completed as provided in section 18 of Operating Regulations approved July 7, 1925.

Company operating	Gulf Oil Corporation										
Office address	Box 661, Tulsa, Oklahoma										
Lessee	A. M. Matthews lease										
Locality	Well No.	15	Sec.	10	Twp.	27N	Rge.	5E	County	Osage	
Located in	500		500		Pt. S of	North	line and	500	Pt. W of	North	line
Date previous record filed	15	April 8th,	24					15	April 8th,	24	
Reason for doing work	Repressure the lease				Original depth last reported	15		15	April 17th,	1934	
Commenced work	15	June 21st,	57		Present total depth	15		15	2960'		
		July 6th,	54		Completed work	15		15	2951'		

List below all work done on well, such as redrilling, deepening record, alteration of casing in well, type of plugs used in plugging back, shooting record, and preparation of well for repressuring an area, etc. Give results of operation.

The wells are equipped as previously reported except that the casing head are each connected to recording orifice meters to admit the input gas.

Gas was first injected into #15 on July 5th, 1934 but in small quantities only until January 1937; gas was first injected into #9 on June 21st, 1957; with the following results:

OIL TO REPRESSURE WELLS

Month-1957	Well #15		Well #9		Average Daily Oil Production	Estimated Average Daily Oil Production Without Repressing
	Daily MCF	Pressure	Daily MCF	Pressure		
January	107	20			92	84
February	106	20			105	84
March	107	20			105	85
April	100	20			108	85
May	105	20			108	82
June	107	20			110	82
July	107	20	68	11	168	81
August	101	20	54	11	116	81
September	105	25	50	14	122	80
October	108	23	62	14	126	80
November	106	22	57	14	125	89

MISCELLANEOUS RECEIVED
JAN 11 1938
1066
OSAGE AGENCY

MISCELLANEOUS RECEIVED
JAN 7 1938
673
OSAGE AGENCY

Date January 4th, 1958

Signed: *DR. Jones*

Address of agent Box 661, Tulsa, Oklahoma Agent's title General Superintendent

This page is for the condition of the well at above date and constitutes a complete and correct record of all work done thereon. Additional information may be placed on reverse side.

MISCELLANEOUS
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FEB 1 1924

NO. 2846

OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPPED WELLS
FOR USE ON LANDS COVERED BY DEPARTMENTAL LEADS
U. S. BUREAU OF INDIANS

124-1 This report must be mailed immediately after completion of well.

COMPANY OPERATING Phillips Petroleum Co ADDRESS Bartlesville, Oklahoma.

LESSOR Phillips-Delmar Oil Co. LESSOR Oklahoma College

WELL No. 1 SEC. 10 T. 27 R. 5 COUNTY Osage

fr. fr.
Well located 300' - N.W. 1/4 and 300' - N.E. 1/4 Elevation 1184 ft.
(Derrick 100 ft., Well 20 feet above sea level.)

Well drilled by M. G. Guthrie Drilg. Co. Superintendent A. R. Edmondson

Date commenced drilling March 25, 1923 , 191 Finished Jan. 18, 1924. , 191

Date commenced deepening , 191 Finished , 191

Type of rig Standard
(Standard, portable, etc. If more than one type used, give distance and time drilled by each.)

Method of drilling Dry hole.

(Dry hole, wet, mud-fluid, etc. If more than one method used, give distance and time drilled by each.)

CASING USED IN DRILLING	Size	Wt. per ft.	Thread	CASING LEFT IN HOLE		SHOE	Make	Kind	Length	Set at
				Length	Landed at					
55 ft.	30	50	Per in.	55 1/2	ft.	ft.	ft.	ft.	ft.	ft.
958 ft.	15	70	Per in.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
1276 ft.	12	50	Per in.	582 1/2	ft.	ft.	ft.	ft.	ft.	ft.
1452 ft.	10	40	Per in.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
2386 ft.	8 1/2	30	Per in.	2386 1/2	ft.	ft.	ft.	ft.	ft.	ft.
3762 ft.	6 5/8	24	Per in.	3762 1/2	ft.	ft.	ft.	ft.	ft.	ft.

Method of shutting off water (In all cases give size of casing and formation in which landed. If driven, give feet driven and method.)

cased off.

What was done to protect sands when outside casing was pulled?

Is water completely shut off? yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 2400 bbls. Initial 24-hr. production after shot bbls. Shot from no shot. to , also qts.

Gravity of oil * Baumé. Pump (Size and length) Tubing (Size and length)

Gas—Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.
Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.

REMARKS.

* Give initial density of oil/water, initial gas-oil ratio, specific gravity of gas or oil, and density for control of gas or oil, and if applicable, number of gas separators and details.

FORMATION RECORD

FROM	TO	FEET	Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
Surface	0	80	Rock, red soft
	80	90	Lime, white hard
	90	130	Shale, brown soft
	130	140	Sand, gray hard
	140	170	Rock, red soft
	170	220	Lime, white hard
	220	230	Shale, white soft
	230	240	Lime, white hard
	240	250	Shale, shells gray hard
	250	255	Sand, white soft
	255	270	Lime, white hard
	270	320	Shale, brown soft
	320	330	Lime, white hard
	330	450	Shale, blue soft
	450	465	Sand, white soft
	465	485	Lime, white hard
	485	560	Shale, blue soft
	560	660	Lime, white hard
	660	680	Shale, black soft
	680	695	Lime, white hard
	695	700	Shale, blue soft
	700	720	Lime, white hard
	720	750	Shale, blue soft
	750	775	Lime, white hard
	775	785	Shale, blue soft
	785	800	Lime, white hard
	800	820	Shale, blue soft
	820	840	Lime, white hard
	840	845	Shale, white soft
	845	865	Sand, blue soft
	865	870	Lime, white hard
	870	920	Shale, blue soft
	920	930	Sand, white hard
	930	950	Shale, blue soft
	950	960	Lime, blue hard
	960	1000	Shale, blue soft
	1000	1020	Lime, white hard
	1020	1030	Shale, black soft
	1030	1035	Lime, white hard
	1035	1045	Shale, blue soft
	1045	1055	Lime, white hard
	1055	1070	Shale, blue soft
	1070	1075	Rock, red soft
	1075	1080	Lime, white soft
	1085	1110	Shale, blue soft
	1110	1130	Shale, brown soft
	1130	1150	Shale, blue soft
	1150	1160	Shale, brown soft
	1160	1180	Sand, white soft
	1180	1190	Shale, blue soft
	1190	1200	Lime, white soft

123-2

02560

6 bailers water per hr.

33 bailers of water per hr.

set 15 $\frac{1}{2}$ " at 958'

hole full water

set 15 in p.

960', steel line.

break in lime

hole full water

1180	1180	Sand, white soft	hole full water
1180	1190	Shale, blue soft	
1190	1200	Lime, white soft	
1200	1210	Shale, brown soft	
1210	1220	Sand, brown soft	
1220	1225	Shale, blue soft	
1225	1240	Sand, brown soft	
1240	1255	Shale, blue soft	
1255	1265	Sand, white hard	set 12" 1277"
1265	1280	Shale, brown soft	steel line.
1280	1285	Lime, white hard	
1285	1310	Shale, blue soft	
1310	1320	Lime, white hard	
1320	1360	Shale, dark soft	
1360	1365	Lime, white hard	
1365	1380	Shale, blue soft	hole full water
1380	1395	Sand, white soft	12 bailers per hr.
1395	1480	Shale, blue soft	Hole caving, underreaming.
1480	1500	Sand, gray soft	hole full water.
1500	1520	Shale, blue soft	run 10" o 1430'
1520	1525	Shale, light soft	steel line.
1525	1585	Lime, light medium	-steel
1585	1630	Slate, black soft	
1630	1665	Sand, gray soft	hole full water.
1665	1690	Slate, gray soft	
1690	1695	Shale, gray soft	
1695	1715	Slate, blue soft	
1715	1730	Lime, gray medium	
1730	1885	Sandy shale, gray soft	
1885	1910	Sand, white soft, water	
1910	1920	Slate	water
1920	2020	Sand, gray medium	
2020	2040	Slate,	
2040	2150	Sand	
2150	2195	Sandy lime, gray	
2195	2225	Black shale	hole full water 2310'
2225	2285	Shale, blue	
2285	2300	Lime	
2300	2305	Sandy lime	
2305	2318	Shale, black	
2318	2325	Slate, light	
2325	2350	Sandy lime	
2350	2360	Shale, blue medium	8 $\frac{1}{2}$ " at 2362', steel line.
2360	2362	Lime, black hard	underreamed.
2362	2367	Shale, white soft	4 Jts. 2386'9"
2367	2377	Lime, black hard	
2377	2610	Shale, white	
2610	2625	Lime, black hard	
2625	2630	Slate, light soft	
2630	2635	Lime, white soft	
2635	2660	Shale, black	
2660	2670	Lime, white broken	
2670	2730	Shale, black	
2730	2740	Sandy lime, gray hard,	gas 12' in 2738'
2740	2745	Black shale	
2745	2750	Lime, gray	
2750	2755	Shale, black	
2755	2761	Lime, hard	set 6 5/8" 2762' over-

02761

To whom location fees paid - ~~Personnel fee~~ - ~~Mineral Rights~~ - Balance amount \$100.00

Sign here J. S. Devar

Your position with the lessee Asst Gen. Sup't

Sand soft from 3040 to 3093'. oil increased at 3078, sand soft all way to 3093'. First flow of oil at 3054. More gas and oil at 3078', well made over 100 bbls. per hour and about 2400 bbls the first 24 hrs., 2800 bbls. the second 24 hrs.

O-2561-A

FORMATION CONT'D.

2761	2795	Shale, black soft	steel line.
2795	2800	Slate, black	
2800	2805	Lime, gray hard	
2805	2840	Shale, black	
2840	2875	Lime, white hard	
2875	2880	Shale, black	
2880	2910	Lime, white hard	
2910	2968	Shale, black	
2965	2970	Lime, dark soft	
2970	2980	Shale, dark	steel line
2980	2992	Shale, black	
2992	3006	Shale, black	
3005	3013	Shale, light	steel line.
3010	3025	Sandy shale, gray	red. hole 3025' steel line.
3025	3040	Lime, black hard	top gas sand
3040	3044	Sand, dark soft	big gas
3044	3045	Sand, dark soft	more gas
3045	3054	Oil sand, soft	1st flow
3054	3078	Oil sand, soft	more oil
3078	3093	Total Depth	1-13-24.

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENERD WELLS
FOR USE ON LANDS COVERED BY DEPARTMENTAL LEASES
U. S. BUREAU OF MINES

RECEIVED
JUN 11 1923
NO. 12930
OSAGE AGENCY

C2562

This report must be mailed immediately after completion of well.

COMPANY OPERATING Phillips Petroleum

ADDRESS Bartlesville, Oklahoma

LESSOR Phillips Petroleum Company

LESSOR Osage Tribe of Indians

WELL No. 2 **SEC.** 10 **T.** 27 **R.** 5 **COUNTY** Osage

Well located 300' N $\frac{1}{2}$ E of line and 300' N $\frac{1}{2}$ W of line SSW Elevation 1148.7 (Derrick floor, relative to sea level.)

Well drilled by G. G. Swettelle

Superintendent A. R. Edmondson

Date commenced drilling March 22nd

, 1923 Finished May 25th

Date commenced deepening

, 1923 Finished

Type of rig Standard

(Standard, portable, etc. If more than one type used, give distances and time drilled by each.)

Method of drilling Dry Hole

(Dry hole, wet, mud-fluid, etc. If more than one method used, give distances and time drilled by each.)

Casing used in drilling	Length	Size	Wt. per ft.	Thread	Casing left in hole	Length landed at	Length	Make	Kind	Jacket	
										Length	Set at
	20' 4"	20"	90#	lbs.	Per in.	20' 4"	ft.	ft.	ft.	ft.	ft.
	925 1/2"	15 1/2"	70#	lbs.	Per in.	925 1/2"	ft.	ft.	ft.	ft.	ft.
	1271 3/4"	12 1/2"	50#	lbs.	Per in.	1271 3/4"	ft.	ft.	ft.	ft.	ft.
	1825 1/2"	10"	40#	lbs.	Per in.	1825 1/2"	ft.	ft.	ft.	ft.	ft.
	2335 1/2"	8 1/2"	28#	lbs.	Per in.	2335 1/2"	ft.	ft.	ft.	ft.	ft.
	2746 5/8" 5 1/2"	24"	24"	lbs.	Per in.	2746 5/8"	ft.	ft.	ft.	ft.	ft.

Method of shutting off water (In all cases give size of casing and formation in which landed. If driven, give feet driven and method.)

Cased Off

What was done to protect sands when outside casing was pulled?

Is water completely shut off? Yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 2265 bbls. Initial 24-hr. production after shot bbls. Shot from to , size qts.

Gravity of oil * Baumé Pump (Size and length.)

Tubing (Size and length.)

Gas—Initial open flow sand from	ft. to	ft.	Cu. ft. Rock pressure	lbs. per sq. in.
Initial open flow sand from	ft. to	ft.	Cu. ft. Rock pressure	lbs. per sq. in.

REMARKS.

(Give additional details of drilling, sidetracking, fishing, plugging, etc., also of fittings, and traps for control of gas or oil, and, if preferred, number of feet pumped and depth.)

\$100.00 location bonus paid to Mr. White, Financial Secretary of the Oklahoma College, Oklahoma City, Oklahoma, March 6th, 1923

Sign here

J. S. DeWitt

Your position with the lessee

Act Geol. Sup't

FORMATION RECORD

Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
 Note character of each formation, i. e., color, hard, soft, caving, etc. Underreamed?
 Note contents of each formation, i. e., oil, gas, water, and kind of water—salty, etc.

From	To	Foot				
Surface	6		Cellar			
6	26		Red Rock 20' 4" 20"	Lime		2765 2828
26	31		Hard white lime	Slate		2835 2940
31	45		Red rock	Lime		2940 2850
45	50		Lime	Slate		2850 2855
50	70		Blue shale	Shale		2855 2957
70	150		Red rock	Lime		2957 2963
150	210		Hard white lime	Shale		2963 2965
210	220		Black slate	Lime		2965 2970
220	270		Lime	Shale Gas, 1,500,000 ft.		2970 2992
270	275		Black slate	Slate Show of gas 3019'		2992 3008
275	315		Lime	Lime Oil Sand at 3010'		3008 3010
315	380		Soft brown shale	Sand Open brown sand		3010 3020
350	385		Lime	Total Depth		3020
355	400		Blue shale			
400	410		Lime			
410	420		Blue shale			
420	437		Lime			
437	520		Shale			
520	535		Lime			
535	600		Shale			
600	605		Lime			
605	620		Blue shale			
620	645		Lime			
645	705		Blue shale			
705	725		Lime			
725	740		Black shale			
740	750		Lime			
750	760		Blue shale			
760	765		Lime			
765	800		Blue shale			
800	805		Lime			
805	810		Soft blue shale			
810	822		Sandy lime			
822	882		Soft blue shale			
882	892		Red rock			
892	902		Soft black shale			
902	925		Hard white lime Run 925' 7" 15½" Casing			
925	935		Blue slate			
935	945		Lime			
945	980		Blue slate			
960	970		Lime			
970	980		Slate			
980	1000		Lime			
1000	1010		Dark slate			
1010	1015		Lime			
1015	1020		Blue shale			
1020	1025		White lime			
1025	1030		White slate			
1030	1055		White lime			
1055	1070		Blue shale			

Top of sand 3010'. This well filled up with fluid as each foot was drilled. Sand was dark gray and med. soft and came out in flakes of ~~mm~~. Size at each run, from 3010' to 3012'. Well filled up 3008' From 3012' to 3016'. Filled up 1500'. From 3016' to 3018'. Filled up 2500'.

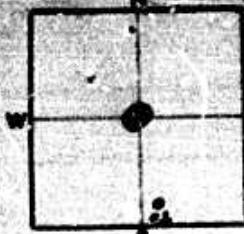
Last 2' well was full of fluid and started flowing at 3020'. Total Depth 3020'

1040	1045	White lime
1050	1055	White slate
1060	1065	White lime
1065	1070	Blue shale
1070	1075	Lime
1075	1090	Red rock
1090	1100	Sand
1100	1115	Blue shale
1115	1122	Red rock
1122	1145	Sand
1145	1151	Shale
1151	1165	Sand
1165	1200	Shale
1200	1230	Sandy lime
1230	1245	Blue slate
1245	1265	Sand
1265	1275	Sandy lime Run 1271'9" 12½" Casing
1275	1280	Blue shale
1350	1335	Blue lime
1355	1370	Blue shale
1370	1380	Sandy lime
1380	1475	Blue shale
1475	1485	Sand
1485	1505	Blue shale
1505	1530	Lime
1530	1565	Shale
1585	1605	Sandy lime
1605	1680	Shale
1650	1670	Lime
1670	1720	Sand
1720	1850	Shale Running 10" at 1725'
1850	1850	Lime
1850	1970	Sand
1970	1985	Shale
1985	2085	Sandy lime
2085	2100	Shale
2100	2145	Lime
2145	2170	Shale
2170	2185	Lime
2185	2210	Shale
2210	2215	Lime
2215	2235	Shale
2235	2245	Lime
2245	2250	Shale
2250	2290	Lime
2290	2330	Sand
2330	2336	Shale
2336	2340	Lime Run 8½" at 2335'
2340	2425	Shale
2425	2430	Lime
2430	2570	Shale
2570	2650	Lime
2650	2665	Shale
2665	2670	Lime
2670	2680	Shale
2680	2720	Lime
2720	2738	Black shale
2738	2765	Lime Run 6" casing 2746'

02564

02565

RECEIVED	
AUG 28 1928	
NO. 18869	
OSAGE AGENCY	



DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF DEEPENED WELLS
FOR LANDS COVERED BY DEPARTMENTAL LEASES

SPECIFY OIL, GAS OR DRY

The report must be filed within Ten Days after well is put in producing condition.
 Use this form for Supplemental Report on Wells already filed.

COMPANY OPERATING Phillips Petroleum Co

ADDRESS Bartlesville Oklahoma.

LESSOR Phillips Pet. Co & Dolmar Oil Co.

LESSOR Osage Tribe of Indians (Okla. College)

WELL No. 2 SEC. 10 T. 37 R. 6 COMM. COUNTY

Well located 800 ft. ENESE, Fr. 89 and 800 ft. NNESE, Fr. West Elevation 1148.7
(Deviation from, relative to sea level.)

Well drilled by G.O. Swallow

Superintendent A.E. Williamson

Date commenced drilling , 19

Finished

, 19

Date commenced deepening 7-27-28

, 19

, 19

Length	CASING USED IN DRILLING			C. NO LEFT IN HOLE			Model	Make	Kind	PACERS	
	Size	Wt. per ft.	Thread	Length	Landed at	Length				Length	Set at
ft.	Ins.	lbs.	Per in.	ft.	ft.	ft.				ft.	ft.
ft.	Ins.	lbs.	Per in.	ft.	ft.	ft.				ft.	ft.
ft.	Ins.	lbs.	Per in.	ft.	ft.	ft.				ft.	ft.
ft.	Ins.	lbs.	Per in.	ft.	ft.	ft.				ft.	ft.
ft.	Ins.	lbs.	Per in.	ft.	ft.	ft.				ft.	ft.
ft.	Ins.	lbs.	Per in.	ft.	ft.	ft.				ft.	ft.

What was done to protect tanks when outside casing was pulled?

Is water completely shut off? Yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production bbls. Initial 24-hr. production after shot bbls. Shot from to size qts.

Tubing

Gas—Initial open flow sand from ft. to ft. Cu. ft. rock pressure lbs. per sq. in.

Initial open flow sand from ft. to ft. Cu. ft. rock pressure lbs. per sq. in.

Dry Hole—State what steps have been taken to plug.

Location fee paid Mr. White Secretary Okla. College Date March 6th, 1928 Amount \$ 100.00

(Sign here)

Your position with the lessee

02-566

INFORMATION ENCLOS'D.

Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
Note character of each formation, i. e., color, hard, soft, crumbly, etc. "C" denotes
Note thickness of each formation, i. e., alluvium, sand, limestone, etc.

Bottom

2020 2041 Sand, Dark Gray Mottled Soft

2041 Total Depth

RECEIVED

SEP 19 1928

NO. 20339

OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF DEEPENED WELLS
FOR LANDS OWNED BY INDIAN TRIBES
AND TRIBES OWNED BY INDIAN TRIBES

SPECIFY OIL, GAS, OR DRY

OIL

The report must be filed within Ten Days after well is shut or producing natural.
Use this form for Supplemental Report on Wells plugged back.

COMPANY OPERATING PHILLIPS PETROLEUM CO

ADDRESS PARKEVILLE, OKLA.

LEADERSHIP PHILLIPS PET. ON A DEEPER OIL CO

LESSOR INDIAN TRIBE OR TRIBES (COLLINS)

WELL No. 8

SEC. 20

T.

S.

R. S.

LEASE

COUNTY

Well located 500' N. 1/4 SEC. 20

PRODUCTION TEST

Elevation 1148.7

(Derrick floor, relative to sea level.)

Well drilled by G. E. SMITH

Superintendent A. R. HARRISON

Date commenced drilling

10 Finished

10

Date commenced suspending Oct 23-28

10 Finished

10

Length ft.	CASING USED IN DRILLING			CASING LEFT IN WELL			Kind	TAKEDOWN	
	Dia.	Wt. per ft.	Thread	Length ft.	Landed at ft.	Length ft.		Miles	Length ft.
ft.	in.	lbs.	Per in.	ft.	ft.	ft.			ft.
ft.	in.	lbs.	Per in.	ft.	ft.	ft.			ft.
ft.	in.	lbs.	Per in.	ft.	ft.	ft.			ft.
ft.	in.	lbs.	Per in.	ft.	ft.	ft.			ft.
ft.	in.	lbs.	Per in.	ft.	ft.	ft.			ft.
ft.	in.	lbs.	Per in.	ft.	ft.	ft.			ft.

What was done to protect muds when outside casing was pulled?

Is water completely shut off? YES Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production bbls. Initial 24-hr. production after shot bbls. Shot from to , size qts.

Tubing

Gas—Initial open flow sand from ft. to ft.	ft.	cu. ft. rock pressure lbs. per sq. in.
Initial open flow sand from ft. to ft.	ft.	cu. ft. rock pressure lbs. per sq. in.

Dry Hole—State what steps have been taken to plug.

Location fee paid MR. WHITE, FINCH ALBERTON
FOR OIL ARKANSAS COLLEGE, OKLA CITY

(Sign here) *J. L. Deaver*

Your position with the lease

Asst Gen. Secy.

OBSERVATION RECORD

Face	To	From	Note each change in formation, i. e., sand, loam, shale, rocky shale, etc. Note character of such formation, i. e., yellowish, reddish, brown, grey, etc. Also percentage of each.
Bottom	N	N	SAND • DARK GRAY. REDD COPPER TOTAL DEPTH ABOVE THIS LINE 2.2 A. 2 FEET

0-400 R.

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENERD WELLS
FOR USE ON LANDS COVERED BY DEPARTMENTAL LEASES
U. S. BUREAU OF MINES

RECEIVED
 OCT 24 1923
 NO. 22793
 OSAGE AGENCY

This report must be mailed immediately after completion of well.

Stet
 COMPANY OPERATING Phillips Petroleum Co. ADDRESS Bartlesville, Oklahoma.

LESSOR Phillips & Delmar Oil Co. LESSOR Oklahoma College | Osage Tribe Indians

WELL No. 636 SEC. 10 T. 27 R. 8 COUNTY Osage

Well located 315' from N.E. line and 322' from N.W. cl line S 6 1/4 Elevation (David K. Ladd on sec line)

Well drilled by W. B. Jones Drilg. Company Superintendent

Date commenced drilling July 28, 1923 , 191 Finished October 17, 1923 , 191

Date commenced deepening , 191 Finished , 191

Type of rig

(Standard, portable, etc. If standard type used, give diameter and time drilled by each.)

Method of drilling Dry hole

(Dry hole, wet, water, air. If more than one method used, give distances and time drilled by each.)

Casing used in drilling			Casing left in hole			Shoe			Packer		
Length	Size	Wt. per ft.	Thread	Length	Landed at	Length	Wt.	Make	Kind	Length	Size
231'7"	20	.90	Per in.	231'7"	Pl.	Pl.	Pl.			Pl.	Pl.
863'5"	15 1/2	.70	Per in.	h.	Pl.	Pl.	Pl.			Pl.	Pl.
1905'3"	12 1/2	.50	Per in.	h.	Pl.	Pl.	Pl.			Pl.	Pl.
1468'	10	.40	Per in.	h.	Pl.	Pl.	Pl.			Pl.	Pl.
2342'2"	8 1/2	.28	Per in.	2362'2"	Pl.	Pl.	Pl.			Pl.	Pl.
2721'5"	6 5/8	.24	Per in.	2721'5"	Pl.	Pl.	Pl.			Pl.	Pl.
2922'7"	5 3/16	17		2922'7"							

Method of shutting off water (In all cases give size of casing and formation in which landed. If driven, give feet driven and method.)

Cased off

What was done to protect sands when outside casing was pulled?

Is water completely shut off? yes Amount water with oil per cent. If oil cut

1st 13 hrs.

Oil—Initial 24-hr. production 650 bbls. Initial 24-hr. production after shot bbls. Shot from to size qt.

Gravity of oil Baumé Pump (Size and length) Tubing (Size and length)

Gas—Initial open flow sand from	ft. to	ft.	Cu. ft. Rock pressure	lba. per sq. in.
Initial open flow sand from	ft. to	ft.	Cu. ft. Rock pressure	lba. per sq. in.

REMARKS.

(Give additional details of drilling, sidetracking, setting, plugging, etc., also of tubing, and traps for control of gas or oil, if performed, whether effect performed and original.)

To whom location fees paid Phillips Pet. & Delmar own Pct. Amount

Sign here

J. S. Deaver

Your position with the lessor *Asst Gen Sup't*

First oil at 2947. Started flowing at 2948. Flow increased at 2953. Increased to 2960. Sand med. hard to 2970 and grew hard until a depth of 2982 was reached. Drilling was stopped at 2982 and well started to agitating 10/17/23.

FORMATION RECORD

FROM TO FSTY Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
 Note character of each formation, i. e., color, hard, soft, caving, etc. Underreamed?
 Note contents of each formation, i. e., oil, gas, water, and kind of water—salinity, etc.

Surface			
Lime	----	12	white hard
Red rock	12	69	soft red 23° - 20"
Lime, white	89	185	hard
shale	185	310	gray soft
Shale	310	350	blue soft
sandy shale	350	400	gray soft
lime	400	405	white hard
shale,	405	550	blue soft
lime	550	580	white hard
shale	580	660	blue soft
lime	660	685	white hard
shale	685	695	blue soft
lime	695	695	
shale	695	735	blue soft
lime,	735	739	white hard
red rock	739	799	red soft
shale	799	795	gray soft
shale	795	845	blue soft
water sand	845	870	gray soft, H. F.
shale	870	880	blue soft
lime	880	905	gray hard run 863' of 15½ steel line measurement
shale	905	915	
lime	915	965	white hard
shale	965	970	blue soft
lime	970	1010	white hard
shale	1010	1030	blue soft
red rock	1030	1045	red soft
Sand	1045	1065	dry
Red rock	1065	1075	red soft
sand	1075	1095	H.F. - soft gray
shale	1095	1100	blue soft
sand	1100	1120	gray soft
red rock	1120	1135	red soft
lime	1135	1140	gray soft
sand	1140	1165	gray soft, water
red rock	1165	1170	red soft
sand	1170	1190	gray soft, water
lime	1190	1200	gray soft Set 1923
shale	1200	1294	gray soft 1204' 12½"
Lime	1294	1299	white hard
shale	1299	1314	white soft
shale	1314	1329	blue soft, cave
sand	1329	1334	white soft 3 ft. water.
shale	1334	1370	white soft
shale,	1370	1395	black soft
sand,	1395	1420	white soft F. F. W.
shale	1420	1465	blue soft set 1468
lime	1465	1515	white hard 10" pipe
	1515	1555	blue soft

(C2570)

lime	1450	1450 lime soft set 1450
lime	1455	1455 white hard 10" pipe
shale	1515	1515 blue soft
lime	1555	1550 white hard
sand	1560	1550 white soft, hole full water.
shale	1590	1535 blue soft
lime	1635	1660 gray hard
shale	1660	1680 blue soft
Lime	1680	1685 white hard
shale	1685	1710 blue soft
lime	1710	1715 white hard
shale	1715	1805 blue soft
lime	1805	1815 white hard
shale	1815	1825 white soft
sand	1825	1860 gray hard, water
sandy lime	1860	1940 gray soft
shale	1940	2060 gray soft, sandy
sand	2060	2065 gray hard, water
lime	2035	2095 white hard
shale, black soft		
	2095	2115 black soft
lime	2115	2130 white hard
shale	2130	2135 blue soft
lime	2135	2175 white hard
shale	2175	2210 blue soft
sand	2210	2244 gray soft, water
lime,	2244	2250 white hard
shale	2250	2260 blue soft
sand	2260	2280 hole full water
shale	2280	2287 blue soft
lime	2287	2293 white hard, run 8 $\frac{1}{4}$ pipe
shale	2293	2430
shale	2430	2530 black soft
shale,	2530	2545 blue soft, underreamed to 2362' 2"
lime	2545	2550
shale	2550	2605 blue soft, caving
lime	2605	2615
shale,	2615	2630 blue soft, caving
lime	2630	2640
shale	2640	2655 gray soft, caving
lime,	2655	2670 gray hard
shale	2670	2675 black soft caving
lime	2675	2705 white hard
slate	2705	2715 black soft 10-3-28
lime	2715	2720 white hard set 2721' 6 5/8 pipe
shale	2730	2740 blue soft
lime	2740	2800 gray hard
shale	2800	2860 gray soft
lime	2860	2862 gray hard
shale	2862	2899 brown soft, cave 2895
lime	2899	2902 gray hard
sandy shale	2902	2937 gray soft 10-13-23
gas	2937	2948 gray soft, set 2922' of 5 3/16
oil sand	2946	2982

62571

Showing of gas 2937. No increase until 2942. 3,000,000'.
Gas 2942 first oil 2946 made 650 bbls. in 1st 13 hrs.

123

S-225 R

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS
FOR USE ON LANDS COVERED BY DEPARTMENTAL LEASES
U. S. BUREAU OF MINES

MISCELLANEOUS RECEIVED
MAR 17 1924
NO. 6888
OSAGE AGENCY

This report must be mailed immediately after completion of well.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Oklahoma,
LESSOR Phillips Pet Co., Belmar Oil Co., LESSOR Osage Tribes of Indians(Oklahoma College)

WELL No. 4 SEC. 10 T. 27 R. 25 COUNTY Osage
 Well located 1031' N-S E-W
 Well drilled by Hayes Brothers Co., Superintendent A. E. Robinson,
 Date commenced drilling Jan. 24, 1924, 191 Finished March 8, 1924.
 Date commenced deepening , 191 Finished , 191

Type of rig Standard
(standard, per-14, etc. If more than one type used, give distances and times drilled by each.)

Method of drilling Dry hole
(Dry hole, wet, mud, etc. If more than one method used, give distances and times drilled by each.)

CASING USED IN DRILLING			CASING LEFT IN HOLE			PROPS	PROPS	Length	Set at
Length	Size	Wt. per ft.	Thread	Length	Landed at				
2000 ft.	10	lb.	Per in.	2000 ft.	ft.	ft.	ft.	ft.	ft.
2000 ft.	10	lb.	Per in.	2000 ft.	ft.	ft.	ft.	ft.	ft.
1850 ft.	10	lb.	Per in.	1850 ft.	ft.	ft.	ft.	ft.	ft.
1450 ft.	10	lb.	Per in.	1450 ft.	ft.	ft.	ft.	ft.	ft.
2200 ft.	10	lb.	Per in.	2200 ft.	ft.	ft.	ft.	ft.	ft.
2200 ft.	10	lb.	Per in.	2200 ft.	ft.	ft.	ft.	ft.	ft.
2200 ft.	10	lb.	Per in.	2200 ft.	ft.	ft.	ft.	ft.	ft.

Method of shutting off water (In all cases give size of casings and formation in which located. If driven, give feet driven and method.)

cased off

What was done to protect sands when outside casing was pulled?

Is water completely shut off? Yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 800 bbls. Initial 24-hr. production after shot bbls. Shot from no shot , sec. qts.

Gravity of oil ° Baumé Pump Tubing
(Size and length.)

Gas—Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.
 Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.

REMARKS.

(Give additional details of drilling, sidetracking, taking, plugging, etc., size of tubing, and traps for control of gas or oil, and, if perforated, number of the perforated and depth.)

Phillips Petroleum Company owns fee, no location bonus paid.

Sign here

J. S. Dewar

Your position with the lessor *Real Gas Left*

Sandy shale	2936 - 2957
Top gas sand	2957 - 2968
Gas sand	2968
Top oil sand	2968 -
Flowing	2972
Soft sand	2968 - 3011
Breakout up	3011 - 3019

FORMATION RECORD

Note open change in formation, i. e., sand, lime, shale, sandy shale, etc.
 Note character of each formation, i. e., color, hard, soft, cavity, etc. Underreamed?
 Note contents of each formation, i. e., oil, gas, water, and kind of water—salty, etc.

From	To	Fwd			
Surface	0	20	Bed rock,		
	20	30	Lime, white	20' - 37' 6"	02573
	30	40	Bed rock		
	40	50	Lime, white		
	50	60	Shale, blue		
	60	85	Lime, white		
	85	100	Bed rock		
	100	200	Lime, white hard		
	200	230	Shale, white		
	230	260	Lime, white hard		
	260	300	Shale, white		
	300	340	Lime, white hard		
	340	345	Shale		
	345	365	Lime		
	365	400	Shale		
	400	420	Lime		
	420	445	Shale		
	445	455	Lime		
	455	495	Shale		
	495	505	Lime		
	505	520	Shale		
	520	540	Lime		
	540	560	Shale		
	560	610	Lime		
	610	630	Shale		
	630	650	Lime		
	650	655	Shale		
	655	665	Lime		
	665	675	Shale		
	675	705	Lime		
	705	750	Shale, green hard		
	750	760	Lime		
	760	770	Shale		
	770	780	Lime		
	780	800	Shale		
	800	825	Lime		
	825	845	Shale		
	845	855	Lime		
	855	870	Shale	4 bailers of water 900'	
	870	900	Lime		
	900	905	Shale, blue		
	905	911	Lime, white hard	15' - 907'	
	911	936	Shale, blue		
	936	970	Lime, soft		
	970	1030	Lime, soft	2 bailers water	
	1030	1070	Shale		
	1070	1075	Sand		
	1075	1115	Bed rock.	hole full water	
	1115	1125	Sand		
	1125	1175	Shale		

1898	1118	1000 FEET.
1115	1175	Sand
1125	1175	Shale
1175	1210	Sand.
1210	1250	Sand
1220	1250	Shale
1300	1305	Lime
1305	1325	Shale
1325	1335	Lime
1335	1365	Shale
1365	1425	Sand.
1425	1445	Shale
1445	1500	Lime
1500	1550	Shale
1550	1615	Lime
1615	1650	Shale
1650	2000	sand
2000	2120	Lime
2120	2135	Shale
2135	2175	Lime
2175	2190	Shale
2190	2225	Lime
2225	2245	Shale, white
2245	2295	Sand
2295	2305	Lime
2305	2350	Shale
2350	2370	Lime
2370	2500	Shale, white
2500	2600	Lime
2600	2640	Shale
2640	2675	Lime
2675	2685	Shale
2685	2725	Lime
2725	2740	Lime, 4 5/8 casing set 2776'
2740	2775	Shale
2775	2800	Lime
2800	2850	Shale, black
2850	2905	Lime,
2905	2917	Shale
2917	2950?	Sand
2950?	2968	One sand,
	2968	top oil
	2911	hard
	3019	TOTAL DEPTH

hole full water

125 - 1294

10' ballers water

10" pipe 1638'

hole full of water 1850

6 1/2" - H. P. W. 2300

hole reduced 2917

top sand

big gas

02573-7

02574

MISCELLANEOUS
RECEIVED

MAR 17 1924

WELLS NO. 6857

OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENERED
FOR USE ON LANDS COVERED BY DEPARTMENTAL LEASES
U. S. BUREAU OF MINES

125-1

This report must be mailed immediately after completion of well.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Oklahoma.

LESSOR Phillips Pet. Co - Belmar Oil Co., LESSOR Osage Tribe of Indians(Oklahoma College)

WELL N. 5 SEC. 10 T. 27 R. 5 COUNTY Osage

Well located 1031' E-N-E of line and 300' E-W of line Elevation 1121.9

(David floor, relation to sec. line.)

Well drilled by Hayes Development Co.,
Date commenced drilling Jan. 19, 1924
Date commenced deepeningSuperintendent A. R. Macdonald
, 191 Finished March 8, 1924 , 191

, 191 Finished

Type of rig

Standard

(Standard, portable, etc. If more than one type used, give dimensions and time drilled by each.)

Method of drilling

Dry hole

(Dry hole, wet, mud-field, etc. If more than one used, give dimensions and time drilled by each.)

Casing used in drilling	Length	Size	Wt. per ft.	Thread	Casing left in hole	Length landed at	Length	Make	Kind	PACINGS	Length	Set at
										ft.		
200 ft.	20 ft.	20	lb.	Per in.	200 ft.	ft.	ft.			ft.	ft.	ft.
200 ft.	15	20	lb.	Per in.		ft.	ft.			ft.	ft.	ft.
1254 ft.	12	20	lb.	Per in.		ft.	ft.			ft.	ft.	ft.
1485 ft.	10	20	lb.	Per in.		ft.	ft.			ft.	ft.	ft.
2325 ft.	8	20	lb.	Per in.	2325 ft.	ft.	ft.			ft.	ft.	ft.
2325 ft.	6 1/2	24	lb.	Per in.	2325 ft.	ft.	ft.			ft.	ft.	ft.

Method of shutting off water (If all cases give size of casing and formation to which landed. If broken, give feet drilled and worked.)

shut off.

What was done to protect sands when outside casing was pulled?

Is water completely shut off? Yes. Amount water with oil per cent. Is oil cut

Oil-Initial 24-hr. production 200 bbls. Initial 24-hr. production after shot bbls. Shot from size No , size qts.

Gravity of oil ° Baumé. Pump (Size and length.) Tubing (Size and length.)

Gas-Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.
Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.

REMARKS.

(Give additional details of drilling, sidetracking, pulling, plugging, etc., size of fittings, and traps for control of gas or oil, and, if possible, number of feet pulled and depth.)

Soft 2974 - 3016

Phillips Petroleum Company owns fee, no location bonus paid.
Sign here J. C. Givens Your position with the lessor

Rat Pen Lft

Soft	2974 - 3016
Hard	3016 - 3045
Soft	3035 - 3042
Hard	3042 - 3045

FORMATION RECORD

From To Fazt Note each change in formation, i. e., sand, lime, shale, sandy shales, etc.
 Note character of each formation, i. e., color, hard, soft, cavity, etc. Underreamed?
 Note contents of each formation, i. e., oil, gas, water, and kind of water—salty, etc.

Surface	0	20	Lime, white hard
	20	60	Red rock, soft
	60	110	Blue shale, soft
	110	120	Red rock, soft
	120	180	Lime, white hard
	180	190	Blue shale, soft
	190	220	Lime, white hard
	220	232	Shale, blue soft
	232	240	Lime, white hard
	240	245	Shale, blue soft
	245	265	Lime, white hard
	265	270	Shale, blue soft
	270	290	Lime, white hard
	290	295	Shale, blue soft
	295	300	Lime, white hard
	300	320	Shale, blue soft
	320	330	Red rock, soft
	330	340	Shale, blue soft
	340	345	Lime, white hard
	345	353	Shale, blue soft
	355	360	Lime, white hard
	360	365	Shale, blue soft
	365	400	Lime, white hard
	400	430	Shale, blue soft
	430	440	Lime, white hard
	440	490	Shale, blue soft
	490	497	Lime, white hard
	497	500	Shale, blue soft
	500	505	Lime, white hard
	505	505	Shale, blue soft
	505	560	Lime, white hard
	560	595	Shale, blue soft
	595	600	Lime, white hard
	600	605	Shale, blue soft
	605	625	Lime, white hard
	625	645	Shale, blue soft
	645	655	Lime, white hard
	655	665	Shale, blue soft
	665	670	Lime, white hard
	670	685	Shale, blue soft
	685	705	Lime, white hard
	705	725	Shale, blue soft
	725	745	Lime, white hard
	745	770	Shale, blue soft
	770	780	Lime, white hard
	780	790	Shale, blue soft
	790	800	Sand, white soft
	800	810	Lime, white hard
	810	870	Shale, blue soft
	870	880	Sand, white soft
	880	900	Shale, blue soft

20° - 30° 6"

02575

125-2

2 barrels water per hr.

5 barrels water

770	810	Sand, white hard
810	810	Lime, white hard
810	870	Shale, blue soft
870	880	Sand, white soft
880	880	Shale, blue soft
900	910	Lime, white hard
910	940	Shale, blue soft
940	965	Lime, white hard
965	990	Shale, blue soft
990	1025	Lime, white hard
1025	1053	Bed rock, soft
1033	1040	Lime, white hard
1040	1070	Shale, soft
1070	1090	Sand, white soft
1090	1095	Shale, blue soft
1095	1162	Sand, white hard
1162	1175	Shale, blue soft
1175	1215	Sand, white hard
1215	1220	Shale, blue soft
1220	1245	Sand, white hard
1245	1295	Shale, blue soft
1295	1300	Lime, white hard
1300	1350	Shale, white soft
1350	1360	Sand, white soft
1360	1440	Shale, white soft
1440	1460	Sand, white soft
1460	1470	Shale, blue soft
1470	1485	Sand, white soft
1485	1500	Lime, white hard
1500	1590	Shale, black soft
1580	1595	Lime, white hard
1595	1605	Sand, white soft
1605	1615	Shale, blue soft
1615	1625	Lime, white hard
1625	2120	Sand, white hard
2120	2235	Shale, blue soft
2135	2210	Lime, white hard
2210	2245	Sandy shale, blue soft
2245	2300	Sand, white hard
2300	2360	Shale, blue soft
2360	2400	Lime, white hard
2400	2450	Shale, blue soft
2450	2585	Lime, white hard
2585	2690	Shale, blue soft
2690	2700	Lime, white hard
2700	2705	Shale, blue soft
2705	2740	Lime, white hard
2740	2770	Shale, blue soft
2770	2810	Lime, white hard
2810	2826	Shale, black soft
2826	2856	Lime, white hard
2856	2860	Shale, black soft
2860	2870	Lime, white hard
2870	2895	Shale, blue soft
2895	2900	Lime, white hard
2900	2974	Shale, blue soft

5 boilers water
12 $\frac{1}{2}$ at 990'

4 boilers water

hole full water at 1100'

12 $\frac{1}{2}$ at 1254'

3 boilers water

2 boilers water

10" at 1653'3"
hole full water

8 $\frac{1}{2}$ " at 2325'6"

cave

6 5/8" - 2768'

reduced 2974'

02576

02577

125-3

Page #2.

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MAR 17 1924

NO. 6887
OSAGE AGENCY

2974	2909	Sand, grey soft	
2989	3001	Sand, grey soft	gas
3001	3016	Sand, grey soft	oil sand
3016	3035	Sand, grey hard	" "
3035	3042	Sand, grey soft	" "
3042	3045	Sand, grey hard	

DEPARTMENT OF THE INTERIOR

RECEIVED
MISCELLANEOUS

OFFICE OF INDIAN AFFAIRS

FINAL REPORT OF COMPLETED OR DEEPENERED WELL

MAR 28 1924

FOR USE ON CARDS COVERED BY DEPARTMENTAL LEAVES
U. S. BUREAU OF MINES

NO. 8031

OSAGE AGENCY

This report must be mailed immediately after completion of well.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Okla.

LESSOR Phillips Petroleum Co. & Delmar Oil Company Osage Tribe of Indians (Okla. College)

WELL No. 6 SEC. 10 T. 87 R. 8 COUNTY Osage

Well located 300' E. N. S. line and 300' S. E. W. E. line Elevation 1020.5 ft. (Derrick floor, relative to sea level.)

Well drilled by Kaufman & Belchard Superintendent A. E. Morrison
Date commenced drilling 1-21-24 , 191 Finished 3-17-24 , 191
Date commenced deepeningType of rig Standard
(Standard, portable, etc. If more than one type used, give distances and time drilled by each.)

Method of drilling Dry hole

Length	Size	Wt. per ft.	Thread	Length landed at	Length	SHOT	Make	Kind	PACERS	Length	Set at
20 ft.	90	165 lbs.	2"	Per in.	261 7/8"	ft.					
125 ft.	70	165 lbs.	2"	Per in.	863	ft.					
125 ft.	50	1227 lbs.	2"	Per in.		ft.					
10 ft.	40	1630 lbs.	2"	Per in.		ft.					
5 ft.	30	2222 lbs.	5"	Per in.	2292	ft.					
5 ft.	24	2750 lbs.	0	Per in.	2750	ft.					

Method of shutting off water (In all cases give size of casing and formation in which landed. If driven, give feet driven and method.)

cased off

What was done to protect sands when outside casing was pulled?

Is water completely shot off? yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production	1500 bbls.	Initial 24-hr. production after shot	bbls.	Shot from	1500 bbls.	1500 bbls.	qts.
Gravity of oil	° Baumé Pump	(Size and length.)	Tubing	(Size and length.)			
Gas—Initial open flow sand from	ft. to	ft.	Cu. ft. Rock pressure	Ibs. per sq. in.			
Initial open flow sand from	ft. to	ft.	Cu. ft. Rock pressure	Ibs. per sq. in.			

REMARKS.

(Give additional details of drilling, extracting, fishing, plugging, etc., size of fittings, and traps for control of gas or oil, and, if performed, number of test performed and depth.)

Phillips Petroleum Company and Delmar Oil Company owns fee, no location bonus paid.

True sand, light in color, medium.

Sign here G. J. Deurer

Your position with the lease *East Gen. Lp.*

2660	2670	Shale, black soft
2670	2695	Lime, gray hard
2695	2737	Shale, dark soft
2737	2790	Lime, gray hard
2790	2795	Shale, black soft
2795	2810	Lime, gray hard
2810	2815	Shale, dark soft
2815	2817	Lime, gray hard
2817	2825	Shale, dark soft
2825	2830	Lime, gray hard
2830	2850	Shale, dark soft
2850	2870	Shale, gray soft
2870	2916	Shale, dark soft
2916	2920	Lime, & shale gray med.
2920	2958	Sandy shale, dark soft
2958	2968	Gas sand, light soft
2958	3003	Oil sand, bright med.

set 6 5/8" 2750'

reduced hole to 5 3/16" 2815'
 top gas sand
 top oil sand
 total depth.

FORMATION RECORD

P-100

From To Fazt Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
 Note character of each formation, i. e., color, hard, soft, cavity, etc. Underreamed?
 Note contents of each formation, i. e., oil, gas, water, and kind of water—salty, etc.

Surface	0	75	Red soft.	20° 36'
	75	115	Lime, gray hard	
	115	120	Shale, blue soft	
	120	140	Lime, gray hard	
	140	145	Shale, blue soft	
	145	155	Lime, gray hard	
	155	157	Shale, blue soft	
	157	175	Lime, gray hard	
	175	190	Shale, blue soft	
	180	255	Lime, gray hard	
	255	285	Shale, gray soft	
	285	290	Lime, gray hard	
	290	295	Shale, blue soft	
	295	300	Lime, gray hard	
	300	335	Shale, dark soft	
	335	340	Lime, gray hard	
	340	380	Sandy lime, gray hard	2 bailers water per hr. @ 365'
	380	440	Shale, dark soft	
	440	450	Lime, gray hard	
	450	490	Shale, gray soft	
	490	495	Lime, gray hard	
	495	530	Shale, blue soft	
	530	535	Lime, gray hard	
	535	545	Shale, gray soft	
	545	550	Lime, gray hard	
	550	555	Shale, gray soft	
	555	565	Lime, gray hard	
	565	595	Shale, blue soft	
	595	605	Lime, gray hard	
	605	610	Shale, dark soft	
	610	615	Lime, gray hard	
	615	620	Shale, dark soft	
	620	655	Lime, gray hard	
	655	685	Shale, dark soft	
	685	705	Red rock, soft	
	705	725	Shale, blue soft	
	725	735	Lime, gray hard	
	735	740	Shale, blue soft	
	740	745	Lime, gray hard	
	745	825	Shale, blue soft	
	825	850	Water sand, gray soft	hole full water
	850	855	Lime, gray hard	
	855	860	Shale, blue soft	
	860	870	Lime, gray hard	
	870	875	Shale, blue soft	
	875	880	Lime, gray hard	
	880	895	Shale, blue soft	
	895	910	Lime, gray hard	
	910	920	Shale, dark soft	
	920	940	Lime, gray hard	

Set 15½" 863'

910	900	Shale, dark soft
920	900	Lime, gray hard
940	940	Shale, thin soft
950	950	Lime, gray hard
960	960	Shale, brown soft
970	970	Lime, gray hard
975	980	Shale, brown soft
980	995	Lime, gray hard
995	1020	Shale, blue soft
1020	1180	Water sand, gray soft
1110	1120	Red rock, soft
1120	1135	Shale, blue soft
1135	1190	Sand, gray hard
1190	1225	Shale, blue soft
1225	1227	Lime, gray hard
1227	1245	Shale, blue soft
1245	1250	Lime, gray hard
1250	1280	Shale, blue soft
1280	1285	Lime, gray hard
1285	1310	Shale, blue soft
1310	1325	Red rock, soft
1325	1370	Shale, blue soft
1370	1380	Shale, white soft
1380	1405	Water sand, gray soft
1405	1480	Shale, blue soft
1480	1510	Lime, gray white
1510	1560	Shale, dark soft
1560	1585	Water sand, white soft
1585	1595	Shale, gray soft
1595	1615	Lime, gray hard
1615	1610	Shale, gray soft
1610	1618	Lime, gray hard
1618	1665	Water sand,
1665	2000	Sandy lime, gray hard
2000	2035	Sand, white soft
2035	2040	Sandy lime, white hard
2040	2085	Sand, gray hard
2085	2110	Shale, black soft
2110	2118	Lime, gray hard
2118	2125	Sand, gray soft
2125	2145	Shale, gray soft
2145	2147	Lime, gray hard
2147	2165	Shale, gray soft
2165	2185	Lime, gray hard
2185	2190	Shale, gray soft
2190	2215	Lime, gray hard
2215	2265	Water sand, gray soft
2265	2275	Shale, gray soft
2275	2300	Lime, gray hard
2300	2393	Shale, gray soft
2393	2396	Lime, gray hard
2396	2525	Shale, gray soft
2525	2530	Lime, gray hard
2530	2545	Shale, gray soft
2545	2575	Lime, gray hard
2575	2635	Shale, gray soft
2635	2640	Lime, gray hard

hole full water 1060'

Set 12 $\frac{1}{2}$ - 1237' 9"

C2580

hole full water
run 10" cag. 1480' caving
and undercutted to 1630'. H.P.W. 1550'

hole full water

Set 8 $\frac{1}{2}$ - 2293'

caving.

234
02581

DEPARTMENT OF THE INTERIOR

OFFICE OF INDIAN AFFAIRS

FINAL REPORT OF COMPLETED OR DEEPPENED WELLS

FOR USE ON LANDS COVERED BY DEPARTMENTAL LEASE

U. S. BUREAU OF MINES

MISCELLANEOUS
RECEIVED

MAR 28 1924

NO. 8030

OSAGE AGENCY

This report must be mailed immediately after completion of well

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Okla.

LESSOR Phillips Petroleum Co. & Belmar Oil LESSOR Osage Tribe of Indians (Okla. College)

WELL No. 7 SEC. 10 T. 27 R. 5 COUNTY Osage

Well located 988' N. from line and 300' E. of line Elevation (Dipper line, water to sea level)

Well drilled by J. E. Wallace

Superintendent A. E. Edmondson

Date commenced drilling Jan 28, 1924

, 191 Finished March 21, 1924

Date commenced deepening

, 191 Finished , 191

Type of rig

Standard

(Standard, portable, etc. If more than one type used, give distances and time drilled by each.)

Method of drilling

Dry hole.

(Dry hole, wet, mud-field, etc. If more than one method used, give distances and time drilled by each.)

CASING USED IN DRILLING			CASING LEFT IN HOLE	SHOT	PACKER	Length	Set at		
Length	Size	Wt. per ft.	Length	Landed at	Length	Make	Kind	Length	Set at
20 ft.	20 in.	90 lbs.	Per ft.	20 ft.	ft.			ft.	ft.
885 ft.	15½ in.	70 lbs.	Per ft.	882 ft.	ft.			ft.	ft.
1215 ft.	12½ in.	50 lbs.	Per ft.	1215 ft.	ft.			ft.	ft.
1415 ft.	10 in.	40 lbs.	Per ft.	1415 ft.	ft.			ft.	ft.
2283 ft.	8½ in.	32 lbs.	Per ft.	2283 ft.	ft.			ft.	ft.
2750 ft.	6 5/8	24 lbs.	Per ft.	2750 ft.	ft.			ft.	ft.

Method of shutting off water (In all cases give size of casing and formation in which landed. If driven, give feet driven and method.)

cased off

What was done to protect tools when outside casing was pulled?

Is water completely shut off? Yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 1200 bbls. Initial 24-hr. production after shot bbls. Shot from no shot , size qts.

Gravity of oil * Baumé. Pump (Size and length.) Tubing (Size and length.)

Gas—Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.
Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.

REMARKS.

(Give additional details of drilling, sidetracking, fishing, plugging, etc., also of fittings, and traps for control of gas or oil, and, if perforated, number of feet perforated and depths.)

FORMATION RECORD

From To Fwd Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
 Note character of each formation, i. e., color, hard, soft, cavity, etc. Underreamed?
 Note contents of each formation, i. e., oil, gas, water, and kind of water—salty, etc.

Surface	0	14	Lime, white hard	
	14	70	Bed rock, soft	20" - 20"
	70	82	Lime, white hard	
	85	98	Bed rock, soft	
	98	144	Lime, white hard	
	144	146	Slate, blue soft	C2582
	146	154	Lime, white hard	
	156	161	Red rock, soft	
	161	200	Lime, white hard	
	200	210	Slate, blue soft	
	210	220	Lime, white hard	
	220	225	Slate, white soft	
	225	240	Shale, white soft	
	240	255	Slate, white soft	
	255	259	Lime, white hard	
	259	289	Slate, blue soft	
	289	294	Lime, white hard	
	294	350	Slate, black soft	
	350	385	Slate, white soft	
	385	400	Lime, white hard	
	400	435	Shale, white soft	1 bailer water an hr.
	435	460	Slate, blue soft	
	460	480	Lime, white hard	
	480	500	Slate, white soft	
	500	515	Shale, white soft	
	515	520	Lime, white hard	
	520	562	Slate, white soft	
	562	587	Lime, white hard	
	587	595	Shale, white soft	
	595	600	Slate, blue soft	
	600	607	Lime, white hard	
	607	617	Slate, white soft	
	617	621	Lime, white hard	
	621	626	Slate, white soft	
	626	630	Slate, black soft	
	630	633	Lime, white hard	
	633	655	Slate, blue soft	
	655	680	Lime, white hard	
	680	690	Slate, white soft	
	690	695	Slate, black soft	
	695	700	Shale, brown soft	
	700	704	Lime, white hard	
	704	710	Bed rock, soft	
	710	725	Slate, white soft	
	725	795	Lime, white hard	
	795	800	Sand, white hard	
	800	815	Slate, blue soft	
	815	840	Sandy shale, white soft	hole full water
	840	845	Sand, white hard	set 15' at 665'
	845	867	Slate, blue soft	
	867	887	Lime, white hard	

865 867 Slate, blue soft
866 868 Lime, white hard
867 922 Slate, white soft
923 938 Lime, white hard
928 948 Slate, blue soft
945 955 Lime, white hard
955 975 Slate, white soft
975 1020 Lime, white hard
1020 1040 Slate, blue soft
1040 1082 Rock, red soft
1082 1115 Sand, white hard
1115 1120 Slate, blue soft
1120 1140 Sandy shale, brown soft
1140 1150 Lime, white hard
1150 1195 Sand, white hard
1195 1245 Slate, blue soft
1245 1260 Shale, white soft
1260 1275 Slate, blue soft
1275 1290 Slate, black soft
1290 1293 Lime, white hard
1293 1325 Slate, white soft
1325 1345 Slate, blue soft
1345 1365 Sandy shale, white soft
1365 1415 Sand, white hard
1415 1417 Lime, white hard
1417 1435 Slate, blue soft
1435 1440 Sandy shale, white soft
1440 1460 Slate, white soft
1460 1505 Lime, white hard
1505 1530 Slate, black soft
1530 1555 Slate, white soft
1555 1585 Sand, white hard
1585 1605 Sandy shale, white soft
1605 1655 Slate, blue soft
1655 1665 Lime, white hard
1665 1800 Slate, blue soft
1800 1802 Lime, white hard
1802 1821 Slate, blue soft
1821 1825 Lime, white hard
1825 1890 Sand, white hard
1890 1930 Lime, white hard
1930 1950 Sand, white hard
1950 2000 Sandy lime, white hard
2000 2000 Sand, white hard
2100 2105 Lime, white hard
2105 2106 Sand, white hard
2106 2125 Slate, white soft

hole full water

set 12 $\frac{1}{2}$ at 1215'

caving

hole full water set 10" - 1415"

hole full water

over-

Phillips Petroleum Company & Delmar Oil Company same fee, no location bonus paid.
Sand dark brown, very soft, true sand to 2968, hardened up to 2988. Top of sand 2948,
first gas 2948, first oil 2950, first flow 2961.

Sign here J. S. Danner

Your position with the lastest loc. left

0758 v-B

2135	2132	Lime, white hard	
2132	2137	Slate, black soft	
2137	2147	Sandy shale, white soft	
2147	2170	Slate, blue soft	
2170	2183	Lime, white hard	
2183	2190	Slate, white soft	
2190	2227	Sandy shale, white soft	
2227	2267	Lime, white hard	set 8 1/2" 2263' SLM
2267	2550	Slate, white soft	
2550	2590	Lime, white hard	
2590	2600	Slate, black soft	
2600	2618	Lime, white hard	
2618	2640	Slate, black soft	
2640	2665	Lime, white hard	show oil & gas 2655'
2665	2675	Slate, blue soft	
2675	2727	Lime, white hard	
2727	2760	Slate, black soft	set 6 5/8" 2758 SLM
2760	2795	Lime, white hard	
2795	2800	Slate, blue soft	
2800	2815	Lime, white hard	
2815	2830	Slate, black soft	
2830	2838	Lime, white hard	
2838	2930	Slate, blue soft	reduced hole to 5 5/16" 2930
2930	2948	Sandy shale, white soft	
2948	2988	Bartlesville sand, brown soft	TOTAL DEPTH

G.S. 1/ SEC. 10 T-27 R-

S-426

02583

**DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELD
FOR LANDS COVERED BY DEPARTMENTAL LEASES**

MISCELLANEOUS RECEIVED

APR 9 1924

9098

OSAGE AGENCY

SPECIFY OIL, GAS, OR DRY

This report must be filed within ten days after well is shot or producing natural.
Use this form for Supplemental Report on wells plugged back.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Oklahoma.

LEASEE Phillips Petroleum Co., & Delmar Oil Co., LESSOR Osage Tribes of Indians (Osage, College)

WELL No. 8 ~~1/2~~ % SEC. 10 T. 27 R. 5 OSAGE COUNTY

Well located 985' P.M.S. of line and 300 Pt. E.W. of line Elevation 1126.4 Gr.

(Derrick floor, relative to sea level.)

Well drilled by Belaney & Heads

Superintendent A. E. Edmondson

Date commenced drilling 1-28-24

, 19 Finished 3-23-24 , 19

Date commenced deepening

, 19 Finished , 19

CABING USED IN DRILLING			CABING LEFT IN HOLE			SHOTS	KIND	PACINGS	Length	Set at
Length	Size	Wt. per ft.	Thread	Length	Landed at					
250 ft.	.20	lb.	Px. in.	20 ft.	in.	Pl.	Pl.	Pl.	Pl.	Pl.
900 ft.	.16	lb.	Px. in.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.
1157 ft.	.18	lb.	Px. in.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.
1200 ft.	.10	lb.	Px. in.	2224 ft.	in.	Pl.	Pl.	Pl.	Pl.	Pl.
2000 ft.	.02	lb.	Px. in.	2225 ft.	in.	Pl.	Pl.	Pl.	Pl.	Pl.
2500 ft.	.05	lb.	Px. in.	2777 ft.	in.	Pl.	Pl.	Pl.	Pl.	Pl.

What was done to protect sands when outside casing was pulled?

Is water completely shut off? Yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 1200 bbls. Initial 24-hr. production after shot ~~shut off~~ ~~shut off~~ Shot from to , size qts.

Tubing

Gas—Initial open flow sand from	ft. to	ft.	Cu. ft. rock pressure	Ibs. per sq. in.
Initial open flow sand from	ft. to	ft.	Cu. ft. rock pressure	Ibs. per sq. in.

Dry Hole—State what steps have been taken to plug.

Location fee paid Date Account, \$

Phillips Petroleum Company and Delmar Oil Company owns fee, no location bonus paid.

Top sand 2975, gas 2982, top pay 2996, top 1st oil 2996, bottom oil sand 3036, 3040 Total Depth.

2955	2765	Shale
2735	2767	Sand
2767	2777	Shale,
2777	2835	Lime
2835	2845	Shale
2845	2855	Lime
2855	2860	Shale
2860	2865	Lime
2865	2950	Shale
2950	2973	Sandy shale
2973	2982	Sandy shale
2982	2993	Gas sand
2998	3036	Oil sand, gray
3036	3040	Shale

set 6 5/8 2777 ft. L. M.

red. hole 2980' S.E.M.

Wellsite Number: Pot. On A. Below Rd. No. Location: State of Wyoming (Name, County)

WELL NO. 5 SEC. 19 T. 27 R. 8 CRAIG COUNTY WYOMING

6-8888

FORMATION RECORD

From	To	Foot	Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
Surface	0	51	Red rock
	21	27	Lime
	27	115	Red rock
	115	170	Lime
	170	175	Shale
	175	180	Lime
	180	190	Red rock
	190	230	Lime
	230	270	Lime
	270	290	Lime, and shale
	290	315	Shale
	315	320	Lime
	320	350	Shale
	350	385	Shale
	385	400	Lime
	400	415	Shale
	415	445	Lime
	445	465	Shale
	465	492	Lime
	492	554	Shale
	554	594	Shells
	594	610	Lime
	610	629	Shale
	629	639	Lime
	639	659	Shale
	659	679	Lime
	679	699	Shale
	699	710	Lime
	710	720	Shale
	720	725	Red rock
	725	800	Broken lime
	800	825	Shale
	825	850	Shale
	850	865	Lime
	865	885	Sand
	885	900	Shale
	900	906	Lime
	906	910	Shale
	910	933	Lime
	933	953	Shale
	953	960	Lime
	960	975	Lime
	975	990	Shale
	990	1030	Lime
	1030	1040	Shale
	1040	1060	Sand,
	1060	1070	Sand
	1070	1075	Red rock
	1075	1095	Lime
	1095	1105	Shale

water, 5 barrels per hr. - 1055'

1073 1075 Red rock
 1075 1085 Lime
 1085 1095 Shale
 1095 1113 Red rock
 1112 1137 Sand
 1137 1142 Lime
 1142 1150 Red rock
 1150 1160 Shale
 1160 1200 Sand
 1200 1217 Shale
 1217 1225 Sandy lime
 1225 1228 Shale
 1228 1250 Lime
 1230 1314 Shale
 1314 1319 Lime
 1319 1330 Shale
 1330 1335 Lime
 1335 1345 Shale
 1345 1355 Sand
 1355 1415 Shale
 1415 1422 Sand
 1422 1457 Sand
 1457 1462 Shale
 1462 1467 Lime
 1467 1473 Shale
 1473 1478 Lime
 1478 1560 Shale
 1560 1625 Sand
 1625 1700 Shale
 1700 1705 Lime
 1705 1832 Shale
 1832 1842 Sand
 1842 1896 Hard sand
 1896 1956 Sand
 1956 2140 Sand
 2140 2220 Shale
 2220 2240 Lime
 2240 2245 Shale
 2245 2260 Lime
 2260 2285 Sandy lime, water
 2285 2300 Sand
 2300 2306 Lime
 2306 2490 Shale
 2490 2495 Lime
 2495 2565 Shale
 2565 2578 Lime
 2575 2585 Shale
 2585 2625 Lime
 2625 2655 Shale
 2655 2665 Lime
 2665 2691 Shale
 2691 2711 Lime
 2711 2716 Shale
 2716 2735 Lime

1125 - hole full water set 10" say. 1157'

02585

hole full water

set 10" 1462"

1590 hole full water

Gas, hole full water

set 9 $\frac{1}{2}$ " 2303' S.L.M.

MISCELLANEOUS
RECEIVED

02586
DEPARTMENT OF THE INTERIOR
 OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPPED WELLS
 FOR USE ON LANDS COVERED BY DEPARTMENTAL LEASES
 U. S. BUREAU OF MINES

 APR 5 1924
 NO. 8807
 OSAGE AGENCY

126-1

This report must be mailed immediately after completion of well.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Oklahoma.

LESSOR Phillips Petroleum Co. & Delmar Oil GESSOR Osage Tribe of Indians (Okla. College)

WELL No. 9 SEC. 10 T. 27 R. 5 COUNTY Osage

Well located 500' ~~SW~~ N. ~~SW~~ line and 977' ~~NE~~ E. ~~NE~~ line Elevation 1061.5 D. Y.
(Dipper level, relative to sea level.)

Well drilled by C. Clark Superintendent A. R. Edmondson

Date commenced drilling 1-28-24 , 191 Finished 3-27-24 , 191

Date commenced deepening , 191 Finished , 191

Type of rig

(Standard, portable, or *if* not standard type used, give distances and time drilled by each.)

Method of drilling

Dry hole

(Dry hole, test, mud-fluid, etc. If more than one method used, give distances and time drilled by each.)

CASING USED IN DRILLING		CASING LEFT IN HOLE		SHOE	PACKER	Length	Set at
Length	Size	Wt. per ft.	Thread	Length Landed at	Length	Make	Kind
21 1/2	20	90	lbs.	Per in.	21 1/2"	ft.	ft.
550 ft.	15	50	lbs.	Per in.	376 ft.	ft.	ft.
1340 ft.	12	50	lbs.	Per in.	ft.	ft.	ft.
1615 ft.	10	40	lbs.	Per in.	ft.	ft.	ft.
2073 ft.	6 1/2	30	lbs.	Per in.	2272 ft.	ft.	ft.
2790 ft.	6 5/8	24	lbs.	Per in.	2790 ft.	ft.	ft.

Method of shutting off water (*If packed, kind and length. If cemented, give amount, time of setting, method, etc.*)

cased off

What was done to protect sands when outside casing was pulled?

Is water completely shut off? yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 0 bbls. Initial 24-hr. production after shot 250 bbls. Shot from 2942 to 2997 ~~date 146112~~

Gravity of oil	* Baumé	Pump	(Size and length.)	Tubing	(Size and length.)
Gas—Initial open flow sand from		ft. to	ft.	Cu. ft. Rock pressure	lbs. per sq. in.
Initial open flow sand from		ft. to	ft.	Cu. ft. Rock pressure	lbs. per sq. in.

REMARKS.

*(Give additional details of drilling, sidetracking, pulling, plugging, etc., also of fittings, and traps for control of gas or oil, cond., if packer used, number of feet perforated and depths.)*Reduced sandy shale 2921, sandy shale 2921 to 2940, soft gray sand 2940 to 2943
soft dark sand 2943 to 2993, sand hardened 2993 to 2997.

Sign here

*J. L. Deaver*Your position with the Bureau *Lead Geologist*

Phillips Petroleum Company and Delmar Oil Company owns fee, no location bonus paid.

FORMATION RECORD

F-880

From To FEET Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
 Note character of each formation, i. e., color, hard, soft, caving, etc. Underreamed?
 Note contents of each formation, i. e., oil, gas, water, and kind of water—salty, etc.

Surface	0	70	Mud, red soft 20" - 21"
	70	135	Lime, light hard
	135	165	Shale, dark soft
	145	195	Lime, light hard
	195	225	Shale, dark soft
	225	240	Lime, light hard
	240	300	Shale, dark soft
	300	305	Lime, light hard
	305	335	Shale, dark soft
	335	345	Sandy lime, light hard
	345	440	Shale, dark soft
	440	447	Lime, dark hard
	447	545	Shale, dark soft
	545	550	Lime, light hard
	550	600	Shale, dark soft
	600	615	Lime, light hard
	615	750	Shale, light soft
	750	765	Sand, light hard
	765	810	Shale, dark soft
	810	840	Sand, light soft
	840	845	Shale, dark soft
	845	850	Lime, light hard
	850	870	Shale, dark soft
	870	882	Lime, light hard
	882	947	Shale, dark soft
	947	972	Lime, light hard
	972	977	Shale, dark soft
	977	992	Lime, dark hard
	992	994	Shale, dark soft
	994	1010	Lime, light hard
	1010	1025	Shale, light soft
	1025	1045	Sand, light soft
	1045	1055	Shale, dark soft
	1055	1062	Rock, red soft
	1062	1115	Sand, light hard
	1115	1125	Lime, light hard
	1125	1195	Sand, light hard
	1195	1273	Shale, dark soft
	1273	1294	Lime, light hard
	1294	1320	Sand, light hard
	1320	1340	Shale, dark soft
	1340	1345	Sand, light hard
	1345	1380	Shale, dark soft
	1380	1390	Lime, dark hard
	1390	1395	Shale, dark soft
	1395	1420	Lime, light hard
	1420	1470	Shale, dark soft
	1470	1525	Lime, light hard
	1525	1570	Shale, dark soft
	1570	1610	Sand, light hard

126-2

02587

hole full water

15 $\frac{1}{2}$ - 858

hole full water

12 $\frac{1}{2}$ " - 1340"

1598	1570	Lime, light hard
1570	1570	Shale, dark soft
1570	1610	Sand, light hard
1610	1647	Shale, dark soft
1647	2115	Sand, light soft
2115	2155	Shale, dark soft
2155	2160	Lime, light hard
2160	2200	Shale, light soft
2200	2295	Sand, light hard
2295	2300	Lime, dark hard
2300	2522	Shale, dark soft
2522	2534	Lime, dark hard
2534	2540	Shale, dark soft
2540	2546	Lime, dark hard
2546	2612	Shale, dark soft
2612	2639	Lime, light hard
2619	2623	Shale, dark soft
2623	2635	Lime, light hard
2635	2640	Shale, dark soft
2640	2690	Lime, light hard
2690	2698	Shale, dark soft
2698	2702	Lime, light hard
2702	2725	Shale, dark soft
2725	2755	Lime, light hard
2755	2790	Shale, dark soft
2790	2800	Lime, light hard
2800	2815	Shale, light soft
2815	2822	Lime, dark hard
2822	2897	Shale, dark soft
2897	2940	Sandy shale, light soft Geo-sand, light soft
2940	2943	Gas sand, light soft
2943	2995	Oil sand, dark soft
2995	2997	Sand,

10" - 1615'
hole full water

8 1/2" - 2273

0-587-A

caving

6 5/8" - 2790'

reduced hole 2921

TOTAL DEPTH.

MISCELLANEOUS
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APR 3 1924

NO. 8610

OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPPED WELLS
FOR USE ON LANDS COVERED BY DEPARTMENTAL LEASES
U. S. BUREAU OF MINES

02588

This report must be mailed immediately after completion of well.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Oklahoma.

LESSOR Phillips Pet. Co. & Delmar Oil Co. LESSOR Osage Tribe of Indians (Okla. College)

WELL No. 10 SE^{1/4} SEC. 10 T. 27 R. 5 COUNTY Osage

Well located 300' from line and 77' fr. E-W. oil line Elevation (Derrick level, measure to top level.)

Well drilled by Murphy & Gordon Superintendent A. R. Edmondson
 Date commenced drilling Jan. 29, 1924 , 191
 Date commenced deepening , 191

Type of rig Standard
 (Standard, portable, etc. If more than one type used, give distances and time drilled by each.)

METHOD OF DRILLING				CASING USED IN DRILLING				CASING LEFT IN HOLE				SHOE				PACKERS			
Length	Size	Wt. per ft.	Thread	Length	Landed at	Length	Make	Length	Kind	Length	Set at	Length	Set at	Length	Set at	Length	Set at		
20' 11"	20"	20 lbs.	Per in.	25' 11"	Per in.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.		
862' ft.	15"	70	lbs.	862' ft.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.		
1205' ft.	12"	50	lbs.	1205' ft.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.		
1604' ft.	10"	40	lbs.	1604' ft.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.		
2283' ft.	8 1/2"	28	lbs.	2283' ft.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.		
2750' ft. 6 1/2"	24	lbs.	Per in.	2750' ft.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.	Pl.		

Method of shutting off water (If packed, kind and length. If cemented, give amount, time of setting, method, etc.) cased off

What was done to protect sands when outside casing was pulled?

Is water completely shut off? yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 2000 bbls. Initial 24-hr. production after shot bbls. Shot front 200 0000 size qts.

Gravity of oil ° Baumé Pump (Size and length.) Tubing (Size and length.)

Gas—Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.
Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lbs. per sq. in.

REMARKS.

(Give additional details of drilling, sidetracking, fishing, plugging, etc., also of fittings, and traps for control of gas or oil, and, if perforated, number of feet perforated and depths.)

Phillips Petroleum Company and Delmar Oil Company owns fee. No location bonus paid.

Sign here

J. L. Deaver

Your position with the lease *East Ben. Sup.*

First flow 2948', more oil at 2953', more oil at 2960' to 2970' sand soft all way.

Top of sand 2941

Top of gas sand 2942

Top pay sand 2945

Top 1st oil 2946

Bottom oil sand 2989. TOTAL DEPTH.

FORMATION RECORD

Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
 Note character of each formation, i. e., color, hard, soft, crusting, etc. Underreamed?
 Note contents of each formation, i. e., oil, gas, water, and kind of water—salty, etc.

From	To	Fence	
Surface	0	9	Collar
	9	17	Lime, white hard
	17	75	Bed rock, soft
	75	145	Lime, white hard
	145	160	Bed rock, soft
	160	200	Lime, white hard
	200	215	Pink rock, soft
	215	220	Lime, grey hard
	220	250	Broken lime, white soft
	250	275	Lime, shells, white soft
	275	295	Bed rock, soft
	295	310	Bed rock, soft
	310	360	Slate, white soft
	360	367	Lime, white hard
	367	395	Slate, white soft
	395	403	Lime, white hard
	403	470	Slate, blue soft
	470	475	Lime, white hard
	475	577	Slate, white soft
	577	595	Lime, white hard
	595	620	Slate, black soft
	620	640	Lime, grey hard
	640	645	Slate, white soft
	645	650	Lime, white hard
	650	665	Slate, white soft
	665	675	Lime, white hard
	675	715	Shale, brown soft
	715	735	Bed rock, soft
	735	742	Slate, white soft
	742	790	Lime, white
	790	837	Shale, soft
	837	867	Sharp lime, white soft
	867	875	Blue slate, soft
	875	885	Lime, hard
	885	907	Blue slate, blue soft
	907	915	Lime, white hard
	915	940	Slate, blue soft
	940	960	Lime, white hard
	960	987	Slate, black soft
	987	995	Black lime, grey hard
	995	1000	B. slate, soft
	1000	1006	Lime, white hard
	1006	1015	Bed rock, soft
	1015	1035	Lime, white hard
	1035	1045	Shale, blue soft
	1045	1060	Bed rock, soft
	1060	1086	Sand, white soft
	1086	1116	Bed rock, soft
	1116	1136	Sand, white soft
	1136	1154	Bed rock, soft

20' 20"

C2589

little water

hole full water
run 15 $\frac{1}{2}$ 869'

8 barrels water

hole full water

1106	1110	Lime, soft	
1110	1118	Sand, white hard	hole full water
1118	1126	Bed rock, soft	
1126	1134	Lime, grey hard	
1134	1138	Blue slate, soft	
1138	1208	Hard sand, white hard	run 12 $\frac{1}{2}$ " 1105'
1208	1300	Slate, black soft	bad cave
1300	1304	Lime, white hard	
1304	1330	Slate, white soft	
1330	1336	Bed rock, soft	
1336	1356	Slate and sand shells, white soft	
1356	1392	Sand, white soft	4 bailers water
1392	1407	Slate, white soft	
1407	1425	Sand, white soft	
1425	1435	Bed rock, soft	caving
1435	1456	Slate, soft	
1456	1571	Lime, gritty grey soft	
1571	1591	Sand, soft	
1591	1604	Slate, blue soft	
1604	1700	Shale, brown soft	
1700	1840	Shale, white soft	
1840	2110	Sand, white soft	
2110	2192	Shale, white soft	
2192	2202	Sand, white hard	
2202	2217	Lime, grey hard	
2217	2236	Slate, blue soft	
2236	2263	Sand, white soft	
2263	2286	Lime, white hard	
2286	2301	Slate, blue soft	
2301	2306	Sand shell, white soft	
2306	2347	Slate, white soft	
2347	2555	Lime, white hard	
2555	2561	Slate, white soft	
2561	2600	Lime, white hard	cave
2600	2653	Slate, white soft	
2653	2670	Lime, grey hard	
2670	2698	Slate, black hard	
2698	2708	Lime, white hard	
2708	2762	Slate, white soft	
2762	2792	Lime, grey hard	run 6 5/8" 2750'
2792	2800	Shale, black soft	
2800	2828	Lime, grey hard	
2828	2830	Slate, black	
2830	2838	Lime, grey hard	
2838	2915	Shale, dark soft	
2915	2941	Shell and sandy shale, white soft	reduced 2923'
2941	2945	Gas sand, soft	top gas sand 2942'
2945	2959	Oil sand, and gas, soft	
2959	2989	Sand, soft	more oil, soft

02589-A

S-225 02590

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENERD WELLS
FOR USE ON LANDS COVERED BY DEPARTMENTAL LEASES
U. S. BUREAU OF MINES

RECEIVED
 APR 7 1924
 NO. 4899
 OSAGE AGENCY

This report is to be mailed immediately after completion of well.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Okla.

LESSOR Phillips Pet. Co. & Delmar Oil Co., LESSOR (Okia. College) Osage Tribe of Indians

WELL No. 11 SEC. 10 T. 27 R. 5 COUNTY Osage

Well located 300' ~~SW-S.E.~~ line and 998' ~~E-W~~ line Elevation 1189.1
(Dipper line, relative to sea level.)

Well drilled by M. G. Guthrie

Superintendent F. S.

Date commenced drilling 1-28-24

, 191 Finished 3-31-24

Date commenced deepening

, 191 Finished

Type of rig

Standard

(Standard, portable, etc. If more than one type used, give distances and time drilled by each.)

Method of drilling

Dry hole

(Dry hole, wet, mud-fluid, etc. If more than one method used, give distances and time drilled by each.)

Length	Size	Wt. per ft.	Thread	CASING USED IN DRILLING	CASING LEFT IN HOLE	SHOE	PACKERS	Kind	Length	Set at
20' 6"	20 1/2"	30	Per in.	20' 6"	Pl.	Pl.		Pl.	Pl.	Pl.
3830' r.	15 1/2"	70	Per in.		Pl.	Pl.		Pl.	Pl.	Pl.
1347' r.	12 1/2"	50	Per in.		Pl.	Pl.		Pl.	Pl.	Pl.
1458' r.	10 1/2"	40	Per in.		Pl.	Pl.		Pl.	Pl.	Pl.
2390' r.	8 1/2"	20	Per in.	2390' Pl.	Pl.	Pl.		Pl.	Pl.	Pl.
2781' r.	6 5/8"	74.5 lb.	Per in.	2781' Pl.	Pl.	Pl.		Pl.	Pl.	Pl.

Method of shutting off water (In all cases give size of casing and formation in which landed. If driven, give feet driven and method.)

cased off

What was done to protect sands when outside casing was pulled?

Is water completely shut off? yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 1000 bbls. Initial 24-hr. production after shot bbls. Shot from no shot , size qts.

Gravity of oil * Baumé Pump

(Size and length)

Tubing

(Size and length)

Gas—Initial open flow sand from

ft. to

ft.

Cu. ft. Rock pressure

lbs. per sq. in.

Initial open flow sand from

ft. to

ft.

Cu. ft. Rock pressure

lbs. per sq. in.

REMARKS.

(Give additional details of drilling, extracting, fishing, plugging, etc., size of fittings, and traps for control of gas or oil, and, if perforated, number of feet per square inch.)

Sign here

J. S. Devar

Your position with the lease

Asst Gen Sup't

Reduced hole in sandy shale, 3029', sandy shale 3029'-3058'. Sand soft 3058' to 3107', hardened up 3107 to 3109'.

FORMATION RECORD

From	To	FEST.	Note each change in formation, i. e., sand, lime, shale, sandy shale, etc. Note character of each formation, i. e., color, hard, soft, ravine, etc. Underlined? Note contents of each formation, i. e., oil, gas, water, and kind of water-salty, etc.
Surface	0	10	Bed mud, soft
	10	20	Lime, gray soft
	20	30	Bed mud, soft
	50	60	Lime, white med.
	60	80	Red rock, soft
	80	90	Lime, white med.
	90	115	Red rock, soft
	115	118	Lime, white hard
	118	140	Slate, blue soft
	140	155	Red rock, soft
	155	185	Slate, blue soft
	185	230	Lime, white mud.
	230	255	Slate, blue soft
	255	300	Lime, white med.
	300	305	Slate, blue soft
	305	365	Lime, white med.
	365	480	Slate, blue soft
	480	490	Sand, gray soft
	490	510	Lime, white med.
	510	585	Slate, black soft
	585	595	Lime, white med.
	595	630	Slate, blue soft
	630	640	Slate, black soft
	640	645	Lime, gray soft
	645	655	Slate, blue soft
	655	675	Lime, white soft
	675	690	Slate, blue soft
	690	695	Lime, gray med.
	695	750	Slate, blue soft
	750	760	Red rock, soft
	760	780	Lime, white med.
	780	795	Slate, white soft
	795	805	Lime, white med.
	805	810	Slate, blue soft
	810	825	Red rock, soft
	815	825	Slate, blue soft
	825	835	Sand, gray soft
	835	885	Slate, blue soft
	885	895	Lime, gray med.
	895	940	Slate, blue soft
	940	958	Sand, gray soft
	958	1010	Slate, blue soft
	1010	1060	Lime, white med.
	1060	1065	Slate, blue soft
	1065	1095	Lime, white med.
	1095	1110	Slate, blue soft
	1110	1130	Lime, white med.
	1130	1170	Slate, black soft
	1170	1175	Red rock, soft
	1175	1180	Slate, blue soft

20" - 205"

02591

1 bailed water

hole full water 940-958

set 15 $\frac{1}{2}$ " - 963"

1178	1178	Sand rock, soft
1178	1188	Slate, blue soft
1188	1208	Sand, gray soft
1208	1218	Slate, black soft
1218	1218	Bed rock, soft
1218	1238	Slate, black soft
1238	1248	Sand, gray soft
1248	1268	Slate, blue soft
1268	1288	Sand, gray soft
1288	1308	Slate, black
1308	1328	Sand, gray soft
1328	1348	Slate, black soft
1348	1428	Slate, white soft
1428	1478	Slate, white soft
1478	1498	Slate, blue soft
1498	1568	Sand, gray soft
1568	1588	Slate, blue soft
1588	1608	Lime, white hard
1608	1658	Slate, black soft
1658	1668	Sand, gray soft
1668	1700	Slate, blue soft
1700	1720	Lime, white med.
1720	1895	Slate, gray soft
1895	1980	Sand, gray soft
1980	1985	Sand, lime gray med.
1985	2000	Sand, gray med.
2000	2205	Sand lime, med.
2205	2210	Slate, black soft
2210	2235	Shale, brown soft
2235	2246	Sand, gray soft
2246	2260	Slate, blue soft
2260	2265	Lime, white med.
2265	2265	Slate, white soft
2265	2315	Sandy lime, white med.
2315	2345	Sand, gray soft
2345	2365	Sandy lime, gray soft
2365	2381	Sand, gray soft
2381	2384	Slate, blue soft
2384	2389	Lime, gray med.
2389	2399	Slate, blue soft
2399	2405	Lime, white hard
2405	2415	Slate, black soft
2415	2500	Shale, brown soft
2500	2545	Slate, white soft
2545	2585	Slate, blue soft
2585	2620	Shale, brown soft
2620	2625	Slate, black soft
2625	2655	Lime, white hard
2655	2695	Slate, black soft
2695	2700	Lime, white hard
2700	2740	Slate, black soft
2740	2750	Lime, white hard
2750	2758	Lime, shells
2758	2761	Slate, black
2761	2821	Lime, white
2821	2848	Slate, black
2848	2900	Lime, white
2900	3000	Slate, white

hole full water 1320'
12 $\frac{1}{2}$ set 1346'

hole full ~~402300~~

10" casing - 1650' 2 B. W.

hole full water 1920'

set 8 $\frac{1}{2}$ " cas. 2390'

show of oil 2753'
set 6 5/8" 2761'
S. L. M.

02533

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OSAGE AGENCY	

Oklahoma College #11-Page #2.

3060 3023 Shale, brown
3023 3058 Sandy shale, brown red. 3029
3058 3069 Gas sand, gray
3069 3109 Oil sand, gray

More
First gas 3054
More gas 3067
First oil 3069
Total Depth 3109.

DEPARTMENT OF THE INTERIOR

RECEIVED

OFFICE OF INDIAN AFFAIRS

APR 5 1924

FINAL REPORT OF COMPLETED OR DEEPENERD WELLS

WELLS NO. 8806

FOR USE ON LANDS COVERED BY DEPARTMENTAL LEASES

U. S. BUREAU OF MINES

OSAGE AGENCY

This report must be mailed immediately after completion of well.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Oklahoma,

LESSOR Phillips Pet. Co., & Delmar Oil Co., LESSEE Osage Tribe of Indians (Okla. College)

WELL No. 12 SEC. 10 T. 27 R. 5 COUNTY Osage

Well located 300' N of E-5-N line and 970' SW of W. of line Elevation 1170.8
(David Jones, reference to sec line.)

Well drilled by Harrison Drilg. Co., Superintendent A. R. Edmundson

Date commenced drilling 1-27-24 , 191 Finished 3-27-24 , 191

Date commenced deepening , 191 Finished , 191

Type of rig

(Standard, 75 ft., etc., maximum, etc. If more than one spec used, give distances and time drilled by each.)

Method of drilling

(Dry, Water, air, compressed air, etc. If more than one method used, give dist. and time drilled by each.)

Casing used in drilling	Size	Wt. per ft.	Thread	Casing left in hole		Shot	Make	Kind	Percussive	Length	Set at
				Length	Landed at						
20 ft.	50	lb.	Per ft.	20	ft.	ft.				ft.	ft.
24 ft.	45	lb.	Per ft.	24	ft.	ft.				ft.	ft.
28 ft.	40	lb.	Per ft.	28	ft.	ft.				ft.	ft.
32 ft.	35	lb.	Per ft.	32	ft.	ft.				ft.	ft.
36 ft.	30	lb.	Per ft.	36	ft.	ft.				ft.	ft.
40 ft.	25	lb.	Per ft.	40	ft.	ft.				ft.	ft.
44 ft.	20	lb.	Per ft.	44	ft.	ft.				ft.	ft.
48 ft.	15	lb.	Per ft.	48	ft.	ft.				ft.	ft.
52 ft.	10	lb.	Per ft.	52	ft.	ft.				ft.	ft.
56 ft.	5	lb.	Per ft.	56	ft.	ft.				ft.	ft.

Method of shutting off water (If all cases give size of casing and formation in which located. If driven, give feet driven and method.)

cased off

What was done to protect sands when outside casing was pulled?

Was water completely shut off? Yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 1230 bbls. Initial 24-hr. production after shot bbls. Shot from no. slot size qts.

Gravity of oil * Baumé Pump Tubing (Size and length)

Gas—Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lba. per sq. in. Initial open flow sand from ft. to ft. Cu. ft. Rock pressure lba. per sq. in.

REMARKS.

(Give additional details of drilling, sidetracking, fishing, plugging, etc., size of tubing, and traps for control of gas or oil, and, if perforated, number of feet perforated and depths.)

Phillips Petroleum Company & Delmar Oil Company own fee, no location bonus paid.

Sign here

J. L. Deaver

Your position with the Bureau *First Gas Cut*

Sand was medium hard and very hard from 3075 to 3077. Bit began to stick at 3078 through the sand.

Mica, white hard	3070	3085	ft.	ft.	ft.
Mica, white hard	3085	3095	ft.	ft.	ft.
Slate, black soft	3095	3175	ft.	ft.	ft.
Slate	3175	3020 Red. 3020'	ft.	ft.	ft.
Sandy shale	3020	3035 cavine	ft.	ft.	ft.
Gas sand	3035	3045	ft.	ft.	ft.
Sand, hard	3045	3050	ft.	ft.	ft.
Oil sand, gray hard	3050	3075	ft.	ft.	ft.
Sand, sand shale, hard	3075	3078 T.D. 3-28-24	ft.	ft.	ft.

FORMATION RECORD

Tell each change in formation, i. e., sand, lime, shale, sandy shale, etc.
 Note character of each formation, i. e., color, texture, soft, crusting, etc.
 Note constants of each formation, i. e., oil, gas, water, and kind of water—briny, etc.

From	To	Furn.	Distance	Drilling Rate	Water
				drill 30' / min	
					025.95
					hole full water 1160'
					water 940' 1160' - 940'
15	15	Red rock, soft			
20	20	Lime, gray hard			
25	25	Lime, gray hard			
30	30	Red rock, soft			
35	75	Red rock, soft			
40	90	Red rock, soft			
50	100	Lime, white hard			
100	100	Lime, white hard			
100	100	Shale, light soft			
105	105	Red rock, soft			
105	105	Red rock, soft			
105	150	Red rock, soft			
160	180	Lime, white hard			
180	215	Lime, white hard			
215	225	Lime, white hard			
225	225	Shale, dark soft			
225	300	Shale, dark soft			
300	350	Sand, lime, soft			
350	375	Slate, dark soft			
375	410	Slate, white soft			
410	450	Slate, white soft			
450	500	Lime, gray hard			
500	500	Shale, dark soft			
500	550	Lime, white hard			
550	600	Shale, dark soft			
600	650	Lime, gray hard			
650	700	Slate, dark soft			
700	715	Slate, dark soft			
715	740	Lime, white hard			
740	750	Slate, dark soft			
750	760	Slate, white soft			
760	760	Slate, white soft			
760	800	Lime, gray hard			
800	825	Shale, dark soft			
825	840	Sand, light soft			
840	850	Sand, light soft			
850	860	Sand, light soft			
860	900	Sand, light soft			
900	920	Sand, light soft			
920	960	Sand, light soft			
960	970	Sand, light soft			
970	1000	Sand, light soft			
1000	1020	Sand, light soft			
1020	1035	Red rock, soft			
1035	1050	Red rock, soft			
1050	1070	Red rock, soft			
1070	1080	Shale, dark soft			
1080	1120	Red rock, soft			
1120	1130	Shale, dark soft			
1130	1140	Shale, dark soft			
1140	1150	Shale, dark soft			
1150	1160	Shale, dark soft			

Depth	Description
1250	Sand, white soft
1250	Sandy lime, gray soft
1275	Slate hard, gray soft
1275	Shale, dark soft
1300	Shale; shale, gray
1325	Shale, brown soft
1350	Slate, dark soft
1375	Shale, dark dark (>25)
1400	Slate, dark soft
1425	Shale, brown soft
1450	Slate, brown soft
1475	Shale, light soft
1490	Red rock, soft
1500	Sand, white soft
1510	Slate, brown soft
1525	Sandy lime, gray soft
1540	Slate, dark soft
1565	Lime, white hard
1585	Slate, brown soft
1600	Sand, white soft
1670	Slate, black soft
1720	Slate, light soft
1750	Slate, darksoft
1820	Slate, dark soft
1870	Sand, white soft
1940	Sand, white soft
1955	Shale, black soft
1975	Slate, black soft
2010	Sand, white soft
2070	Sand, white soft
2150	Sand, white soft
2150	Shale, brown soft
2200	Lime, white hard
2210	Slate, dark soft
2225	Slate, dark soft
2250	Slate, dark soft
2265	Sand, white soft
2275	Slate, brown soft
2300	Slate, brown soft
2364	Sand, brown soft
2368	Lime, white hard
2370	Slate, dark soft
2430	Shale, brown soft
2615	Lime, white hard
2620	Slate, black soft
2650	Lime, gray hard
2710	Slate, black soft
2710	Lime, white hard
2740	Slate, blacksoft
2750	Lime, white hard
2755	Slate, black soft
2765	Lime, white hard
2800	Lime, white hard
2841	Slate, black soft
2841	Lime, white hard
2865	Slate, black soft

125' - 1300'

Coring
sawing

02596

10" - 1485'

hole full water 1640-1670

6" - 2366'

6 5/8" - 2825'

MAY 10 1928

02597

RECEIVED

APR 23 1928
10434

OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DISPOSED WELL,
FOR LANDS COVERED BY DEPARTMENTAL LEASES

SPECIFY OIL, GAS, OR WATER

This report must be filed within Ten Days after well is shut or production ceases.
Use this form for Supplemental Report on Well Closed.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Oklahoma,
 LESSOR Phillips Pet. Co. & Delmar Oil Co. LESSOR (Oklahoma College) Osage Tribe of Indians

WELL No. 13 SEC. 10 T. 37 R. 5 OSAGE COUNTY

Well located 1016' N.E. of line and 977 E.W. of line Elevation 1104.7
 (Vertical distance, relative to sea level)
 Well drilled by J. H. Wallace Superintendent A.B. HENKINS
 Date commenced drilling Feb. 23, 1924, 10 Finished April 16, 1924, 20
 Date commenced deepening , 10 Finished , 20

Length	Size	Wt. per ft.	Thread	CASING USED IN DRILLING		Length Landed at	Length	Make	Kind	Packing	Length	Size
				Length	Landed at							
12 5/8" 202	52 lbs.	Per ft.	Per ft.	ft. 201	ft. 5"	ft.	ft.				ft.	ft.
220 ft.	11 1/2" 70 lbs.	Per ft.	Per ft.	ft.	ft.	ft.	ft.				ft.	ft.
1221 ft.	12 5/8" 80 lbs.	Per ft.	Per ft.	ft.	ft.	ft.	ft.				ft.	ft.
1422 ft.	10" 40 lbs.	Per ft.	Per ft.	ft.	ft.	ft.	ft.				ft.	ft.
2206 ft.	11 1/2" 28 lbs.	Per ft.	Per ft.	ft. 2200	ft. 2	ft.	ft.				ft.	ft.
2767 ft. 6 5/8" 2124 lbs.	Per ft.	Per ft.	Per ft.	ft. 2767	ft. 2	ft.	ft.				ft.	ft.

What was done to protect sands when outside casing was pulled?

Is water completely shut off? yes Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 600 bbls. Initial 24-hr. production after closing 100 bbls. Shut from to min. cu. ft.

Tubing

Gas—Initial open flow sand from	ft. to	ft.	Cu. ft. rock pressure	cu. per sq. in.
Initial open flow sand from	ft. to	ft.	Cu. ft. rock pressure	cu. per sq. in.

Dry Hole—State what steps have been taken to plug.

Location fee paid

Date

Amount \$

Phillips Petroleum Company and Delmar Oil Company own fee, no location bonus paid.

Soft brown sand from 2962 to 2980, sand hard from 2980 to 2995.

Formation Cont'd.

2815	2825	Shale, blue soft		
2825	2835	Lime, white hard		
2835	2930	Shale, black soft		
2930	2938	Shale, white soft	reduced hole 2938'	
2938	2951	Sandy shale, white soft	first gas 2951'	
2951	2962	Gas sand, white soft	First oil 2952'	
2962	2995	Oil sand, brown soft	Total depth	

LESSOR Phillips Pet. Co. & Delmar Oil Co. LESSOR Osage Tribe of Indians (Ottawa Village)

WELL NO. 13 SEC. 10 T. 187 R. 5 OSAGE COUNTY Oklahoma

FORMATION RECORD

8-4488

From	To	Feet	Note each change in formation, i. e., sand, lime, shale, sandy shale, etc.
			Note character of each formation, i. e., color, hard, soft, caving, etc. Under-reamed?
			Note contents of each formation, i. e., oil, gas, water, and kind of water—salty, etc.
Surface	0	10	Bed rock, soft
	10	20	Lime, white hard
	20	100	Shale, white soft
	100	150	Lime, white hard
	150	155	Shale, white soft
	155	170	Lime, white hard
	170	180	Shale, white soft
	180	205	Lime, white hard
	205	220	Shale, blue soft
	220	225	Lime, white hard
	225	235	Shale, blue soft
	235	270	Lime, white hard
	270	290	Shale, blue soft
	290	320	Shale, white soft
	320	325	Lime, white hard
	325	370	Shale, blue soft
	370	375	Lime, white hard
	375	390	Shale, blue soft
	390	400	Sandy lime, white hard
	400	475	Shale, blue soft
	475	480	Lime, white hard
	480	490	Shale, blue soft
	490	550	Slate, white soft
	550	570	Shale, blue soft
	570	590	Lime, white hard
	590	640	Slate, white soft
	640	645	Lime, white hard
	645	655	Shale, white soft
	655	675	Lime, white hard
	675	700	Shale, blue soft
	700	704	Lime, white hard
	704	714	Slate, white soft
	714	730	Slate, blue soft
	730	735	Bed rock, soft
	735	740	Shale, white soft
	740	750	Lime, white hard
	750	755	Shale, blue soft
	755	750	Lime, white hard
	760	775	Sand, white hard
	775	795	Slate, white soft
	795	835	Slate, blue soft
	835	850	Shale, white soft
	850	880	Sand, white hard
	880	890	Shale, white soft
	890	895	Lime, white hard
	895	900	Slate, blue soft
	900	925	Slate, white soft

02598

one bailer of water at 400'

4 bailers of water at 760'

hole full water 860'

set 15 $\frac{1}{2}$ " 885'

890	895	Lime, white hard
895	900	Slate, blue soft
900	925	Slate, white soft
925	940	Lime, white hard
940	945	Shale, blue soft
945	955	Lime, white hard
955	970	Shale, blue soft
970	990	Lime, white hard
990	995	Red rock, soft
995	1000	Lime, white hard
3000	1005	Red rock, soft
1008	1023	Lime, white hard
1023	1045	Slate, white soft
1045	1050	Red rock, soft
1050	1075	Sand, white hard
1075	1090	Shale, blue soft
1090	1130	Sand, white hard
1130	1150	Slate, white soft
1150	1190	Sand, white hard
1190	1303	Shale, blue soft
1303	1306	Lime, white hard
1306	1323	Shale, white soft
1323	1324	Red rock, soft
1324	1355	Sand, white hard
1355	1390	Slate, white soft
1390	1445	Sand, white hard
1445	1460	Shale, blue soft
1460	1485	Sandy shale, white hard
1485	1520	Lime, white hard
1520	1568	Slate, blue soft
1568	1590	Sand, white hard
1590	1645	Shale, blue soft
1645	1650	Lime, white hard
1650	1650	Shale, blue soft
1650	2105	Sand, white hard
2105	2130	Shale, blue soft
2130	2150	Sandy lime, white hard
2150	2195	Shale, blue soft
2195	2215	Sand, white hard
2215	2245	Sandy shale, blue hard
2245	2265	Sand, white hard
2265	2292	Lime, white hard
2292	2480	Shale, blue soft
2480	2495	Lime, white hard
2495	2530	Shale, blue soft
2530	2535	Shale, black soft
2535	2545	Lime, white hard
2545	2555	Shale, blue soft
2555	2595	Lime, white hard
2595	2640	Sandy shale, blue soft
2640	2665	Lime, white hard
2665	2685	Shale, black soft
2685	2730	Lime, white hard
2730	2750	Shale, blue soft
2750	2770	Lime, white hard
2770	2805	Lime, brown hard
2805	2810	Shale, black soft
2810	2	Lime, brown shard

02599

10 bailers water 1060'

Hole full water 1180'

12 1/2 - 1221'

12 bailers water 1325'

caving, H.P.W. 1400'

set 10" csg. 1425'

H.P.W. 1570'

set 6 1/2" 2290'

set 6 5/8" csg.

2767' S.L.M.

02500

RECEIVED
APR 23 1944

**DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS
FOR LANDS COVERED BY DEPARTMENTAL LEASES**

TO. 10427

OSAGE AGENCY

STORY NL, OK, 22 MAY

This report covers land within the Osage Reservation and is filed as previously directed.
For full form see Government Report on Well Drilled.

COMPANY OPERATING Phillips Petroleum Company ADDRESS Bartlesville, Oklahoma.

LESSOR Phillips Pet. Co., Delmar Oil Co. LESSOR (Okla. College) Osage Tribe of Indians

WELL No. 14 SEC. 10 T. 27 R. 5 OSAGE COUNTY

Well located 1002 Ft. N. S. of line and 977 Ft. E. N. of line Elevation 1107.7
(Derrick floor, relative to sea level.)

Well drilled by Maufman & Richard

Superintendent A. R. Edmondson

Date commenced drilling 2-23-24

, 19 Finished 4-14-24

Date commenced deepening

, 19 Finished

Length	Size	WT. per ft.	Thread	CASING TUBE IN BORING		Length	Length Landed at	Length	Make	PACKERS	Kind	Length	Set at
				Per in.	Per in.								
2017"	20M.	20	Lm.	Per in.	201.8"	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
870rd	15	10	Lm.	Per in.	"	"	"	"	"	"	"	"	"
1322 rd	12	50	Lm.	Per in.	455.50	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
1622 rd	10	42	Lm.	Per in.	"	"	"	"	"	"	"	"	"
2312 rd	8	28	Lm.	Per in.	2312.10	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
2762 rd	1.6	50	24	Per in.	2762.1	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.

What was done to protect sands when outside casing was pulled?

Is water completely shut off? yes Amount water with oil per cent. Is oil cut

Oil—initial 24-hr. production 600 bbls. Initial 24-hr. production after shot 100 bbls. Shot from to . size qts.

Tubing

Gas—Initial open flow sand from	ft. to	ft.	On. ft. rock pressure	lbs. per sq. in.
Initial open flow sand from	ft. to	ft.	On. ft. rock pressure	lbs. per sq. in.

Dry Hole—State what steps have been taken to plug.

Location fee paid Date Amount, \$

Phillips Pet. Co. & Delmar Oil Co. own fee, no location bonus paid.

Reduced sandy shale, 2934, soft blue shale 2934 to 2957, soft gray sand 2957, to 2961. Soft brown sand 2961 to 3002.

WELL NO.

SEC.

T.

R.

OSAGE COUNTY

FORMATION RECORD

From	To	Feet	Note each change in formation, i. e., sand, lime, shale, sandy shale, etc. Note character of each formation, i. e., color, hard, soft, cavity, etc. Underground Note contents of each formation, i. e., oil, gas, water, and kind of water—briny, etc.
Surface	0	15	Red rock, soft
	15	20	Lime, gray hard
	20	50	Red rock, soft
	50	70	Shale, blue soft
	70	95	Red rock, soft
	95	125	Lime, gray hard
	125	140	Shale, blue soft
	140	160	Lime, gray hard
	160	225	Shale, blue soft
	225	280	Lime, gray hard
	280	320	Shale, blue soft
	320	325	Lime, gray hard ---
	325	350	Shale, blue soft
	350	375	Lime, gray hard
	375	385	Shale, gray soft
	385	395	Lime, gray hard
	395	435	Shale, gray soft
	435	470	Lime, gray hard
	470	565	Shale, blue soft
	565	570	Lime, gray hard
	570	625	Shale, black soft
	625	655	Lime, gray hard
	655	660	Red rock, soft
	660	665	Lime, gray hard
	665	705	Shale, blue soft
	705	720	Lime, gray hard
	720	730	Shale, blue soft
	730	750	Lime, gray hard
	750	760	Shale, gray soft
	760	765	Lime, gray hard
	765	770	Shale, blue soft
	770	785	Sandy lime, gray hard
	785	825	Shale, gray soft
	825	875	Water sand, gray hard
	875	880	Shale, gray soft
	880	900	Lime, gray hard
	900	900	Shale, gray soft
	900	920	Lime, gray hard
	920	930	Shale, blue soft
	930	935	Lime, gray hard
	935	960	Shale, blue soft
	960	1000	Lime, gray hard
	1000	1005	Red rock, soft
	1005	1020	Lime, gray hard
	1020	1045	Shale, blue soft
	1045	1055	Red rock, soft
	1055	1065	Sandy shale, gray soft

20' - 20'7"

(260)

1 bailer water per hr. 385' to 395'

4 bailers water per hr. 650' - 665'

3 bailers water

hole full water out 18' - 19'4"

1065	1065	Sandy lime, gray soft	
1065	1065	Water sand, gray soft	hole full water
1075	1075	Lime, gray hard	
1095	1110	Water sand, soft	
1110	1200	Sandy lime, gray hard	
1200	1280	Shale, blue soft	
1280	1295	Shale, black soft	
1295	1300	Lime, gray hard	
1300	1330	Shale, blue soft	12 $\frac{1}{2}$ - 1322'9"
1330	1345	Bed rock, soft	
1345	1400	Shale, blue soft	
1400	1425	Water sand, gray soft	10 bailers water per hr.
1425	1465	Sandy shale, gray soft	
1465	1475	Sandy lime, gray hard	
1475	1485	Shale, blue soft	
1485	1520	Lime, gray hard	
1520	1565	Shale, blue soft	
1565	1590	Water sand, gray soft	hole full water
1590	1600	Shale, blue soft	
1600	1610	Lime, gray hard	
1610	1630	Shale, blue soft	set 10" - 1629'4"
1630	1640	Lime, gray hard	
1640	1840	Shale, blue soft	
1840	1870	Water sand, gray hard	hole full water
1870	2110	Sandy lime, gray hard	
2110	2160	Shale, black soft	
2160	2165	Lime, gray hard	
2165	2195	Shale, blue soft	
2195	2205	Lime, gray hard	
2205	2230	Shale, blue soft	
2230	2270	Sandy lime, gray hard	
2270	2295	Water sand, gray soft	
2295	2300	Lime, gray hard	set 8 $\frac{1}{2}$ " - 2312'10"
2300	2560	Shale, blue soft	
2560	2570	Shale, black soft	
2570	2600	Lime, gray hard	
2600	2680	Shale, blue soft	
2680	2690	Shale, black soft	
2690	2730	Lime, gray hard	
2730	2765	Shale, black soft	
2765	2805	Lime, gray hard	set 6 5/8" - 2782'1"
2805	2815	Shale, black soft	
2815	2830	Lime, gray hard	
2830	2915	Shale, black soft	
2915	2957	Shale, blue soft	hole reduced to 5 3/16" - 2934' ELM
2957	2961	Gas sand, gray soft	
2961	3002	Oil sand, brown soft	TOTAL DEPTH

07/01-A

DEPARTMENT OF THE INTERIOR

OFFICE OF INDIAN AFFAIRS

FINAL REPORT OF DEEPENERD WELLS
FOR LANDS COVERED BY DEPARTMENTAL LEASES

REGISTRATION

AUG 15 1955

OCT 1955
OSAGE TRIBE OF INDIANS
OKLAHOMA

02602

SPECIFY OIL, GAS, WATER

This report must be filed within 7 days after completion of drilling or abandonment.

COMPANY OPERATING Phillips Petroleum Co. ADDRESS Bartlesville, Oklahoma

LESSOR Phillips Petroleum Company LESSOR Osage Tribe of Indians

WELL No. 24 SEC. 10 T. 27 R. 5 Group CITY

Well located 1 1/2 miles S. of Bartlesville and 1/2 E. of Rock Elevation 1107.7
(Deer Creek, 1000 ft. to sea level.)

Well drilled by Phillips Petroleum Co. Superintendent R. R. Jolly

Date commenced drilling , 19 _____

Planned

Date commenced deepening April 6 , 19 _____

Planned

Length ft.	CABLES USED IN DRILLING			CABLES LEFT IN HOLE			Miles	Kilometers	PACIFIC Length ft.	Length ft.
	Size In.	Wt. per ft. Lbs.	Thread Per in.	Length ft.	Landed at ft.	Length ft.				
ft.	In.	Lbs.	Per in.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
ft.	In.	Lbs.	Per in.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
ft.	In.	Lbs.	Per in.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
ft.	In.	Lbs.	Per in.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
ft.	In.	Lbs.	Per in.	ft.	ft.	ft.	ft.	ft.	ft.	ft.

What was done to protect sands when outside casing was pulled?

Is water continuity check off?

Amount water with oil 0 percent. Is offcut

Oil—Initial 24-hr. production 0 bbls. Initial 24-hr. production after shut-off 0 bbls. Shut from 0 to 0

Tubing

Gas—Initial open flow sand free ft. to ft.

On ft. rock pressure

lbs. per sq. in.

Initial open flow sand free ft. to ft.

On ft. rock pressure

lbs. per sq. in.

Dry Hole—State what steps have been taken to plug.

Location has paid Fee earned by Company

Date

Amount, \$

(Sign here)

*H. Jones*Your position with the issue *Chief Clerk*

INFORMATION REQUEST

00000000

Case	To:	From:	Text
Subject	Date	Serial	Text
			No new change in status. I. e. same date, same name, no new character or new information. I. e. nothing new, nothing old. Otherwise new entries would be made.

SE 1/4 SEC. 10 T. 27 R. 6

F-256

02604

RECEIVED

APR 9 1924

NO. 9097

OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENED WELLS
FOR LANDS COVERED BY DEPARTMENTAL LEASES

SPECIFY OIL, GAS, OR DRY

This report must be filed within Ten Days after well is shot or perforating started.
Use this form for Supplemental Report on Wells plugged back.

COMPANY OPERATING Phillips Petroleum Co., ADDRESS Bartlesville, Oklahoma.

LESSOR Phillips Pet. Co., & Delmar Oil Co., LESSOR Osage Tribe of Indians (Okla. College)

WELL No. 18 SE 1/4 SEC. 10 T. 27 R. 5 OSAGE COUNTY

Well located 1918 Pt. N.E. of line and 978 Pt. E.W. of line Elevation 1131.6 Gr. (Derrick floor, relative to sea level.)

Well drilled by Delaney & Head Superintendent A. R. Edmondson

Date commenced drilling 2-17-24 , 19 Finished 4-2-24 , 19

Date commenced deepening , 19 Finished , 19

CAULKING TYPE OR DRILLING	CAULKING LEFT IN HOLE	SHOT	PACKING						
Length	Size	Wt. per ft.	Thread	Length Landed at	Length	Make	Kind	Length	Set at
20ft.	20	.90	lhr.	Per in.	20ft.	ft.	ft.	ft.	ft.
200ft.	18	.70	lhr.	Per in.	200ft.	ft.	ft.	ft.	ft.
1250ft.	18	.50	lhr.	Per in.	1250ft.	ft.	ft.	ft.	ft.
1620ft.	18	.40	lhr.	Per in.	1620ft.	ft.	ft.	ft.	ft.
2976ft.	8	.20	lhr.	Per in.	2976ft.	ft.	ft.	ft.	ft.
2986ft.	6.5/8	.24	lhr.	Per in.	2986ft.	ft.	ft.	ft.	ft.

What was done to protect wands when outside casing was pulled?

Is water completely shut off? yes Amount water with oil per cent. - Is oil cut

Oil—Initial 24-hr. production 400 bbls. Initial 24-hr. production after shot bbls. Shot from to . size qts.

Tubing

Gas—Initial open flow sand from ft. to ft. Cu. ft. rock pressure lbs. per sq. in.

Initial open flow sand from ft. to ft.

Cu. ft. rock pressure

lbs. per sq. in.

Dry Hole—State what steps have been taken to plug.

Location for plug Date Amount, \$

Phillips Petroleum Company and Delmar Oil Company own fee, no location bonus paid.

Sand soft all way. Big gas and first flow oil 2992'. Drilled through sand 4' into shale at 3031. Top sand 2976, gas 2976, first oil 2984, bottom oil sand 3026, T. D. 3031.

Formation Cont'd.

2925	2976	Shale	red. hole 2976' S. L. M.
2976	2984	Gas sand, soft	first gas
2984	2992	Oil sand, gray soft	big gas, first flow.
2992	3026	Oil sand, soft	
3026	3027	Shale, soft	
3027	3031	Shale, soft	total depth.

LESSOR

LESSOR

WELL NO. 15 SEC. 10 T. 27 R. 5 OSAGE COUNTY

02605

6-4889

FORMATION RECORD

From	To	Feet	Note each change in formation, i.e., sand, lime, shale, sandy shale, etc. Note character of each formation, i.e., color, hard, soft, caving, etc. Underreamed? Note contents of each formation, i.e., oil, gas, water, and kind of water—salty, etc.
Surface	8	8	Soil
	8	18	Bed rock
	18	28	Lime
	28	125	Bed rock
	125	170	Lime
	170	180	Slate
	180	185	Lime
	185	200	Slate
	200	235	Lime
	235	240	Slate
	240	260	Lime
	260	280	Slate
	280	290	Lime
	290	330	Slate
	330	340	Lime
	340	400	Slate
	400	415	Lime
	415	420	Slate
	420	430	Lime
	430	460	Slate
	460	470	Lime
	470	490	Shale
	490	505	Lime
	505	510	Slate
	510	515	Lime
	515	585	Shale
	585	615	Lime
	615	655	Shale
	655	700	Lime
	700	760	Shale
	760	770	Lime,
	770	780	Shale
	780	800	Sandy lime
	800	870	Shale
	870	895	Sand
	895	900	Slate.
	900	908	Lime,
	908	930	Slate
	930	935	Lime
	935	950	Shale
	950	975	Lime
	975	985	Shale
	985	1030	Lime
	1030	1040	Slate
	1040	1045	bit
	1045	1050	Bed rock
	1050	1100	Sand

20" - 20"

2 bailers water 4758

3 bailers water

hole full water

set 18 $\frac{1}{2}$ " - 900'

cable E.

1025' hole full water

1040	1040	Sand
1045	1060	Red rock
1060	1100	Sand
1100	1115	Slate
1115	1145	Sand
1145	1165	Slate
1165	1230	Sandy shale
1230	1245	Sand
1245	1255	Shale
1255	1260	Lime
1260	1300	Shale
1300	1355	Shale
1355	1360	Red rock
1360	1375	Sandy lime
1375	1435	Shale
1435	1445	Red rock
1445	1470	Sandy lime
1470	1480	Shale
1480	1495	Lime
1495	1500	Shale
1500	1535	Lime
1535	1560	Slate
1560	1585	Lime
1585	1610	Sand
1610	1620	Shale
1620	1710	Shale
1710	1835	Shale
1835	1844	White slate
1844	2140	Sand
2140	2160	Black shale
2160	2220	Blue shale
2220	2275	Shale
2275	2295	Sandy lime }
2295	2309	Sand Water
2309	2317	Lime
2317	2565	Shale
2565	2575	Lime
2575	2580	Shale
2580	2625	Lime
2625	2665	Shale
2665	2680	Lime
2680	2690	Slate
2690	2705	Lime
2705	2710	Slate
2710	2725	Lime
2725	2730	Shale
2730	2750	Lime
2750	2752	Sand lime
2752	2775	Shale
2775	2820	Lime
2820	2822	Shale
2822	2830	Lime
2830	2845	Lime
2845	2850	Shale
2850	2860	Lime
2860	2925	Shale

1075' hole full water

set 13 $\frac{1}{2}$ " ~ 2255'
cable M.

02606

1450' 2' bailers water

hole full water

run 10" 1620'

hole full water 1860-1865

set 8 $\frac{1}{2}$ " - 2314'

S. L. M.

run 6 5/8" - 2760'

S. L. M.

OVER-

02607

MISCELLANEOUS
RECEIVED

MAY 20 1926

12683

OSAGE AGENCY

DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
FINAL REPORT OF COMPLETED OR DEEPENERD WELLS
FOR LANDS COVERED BY DEPARTMENTAL LEASES

SPECIFY OIL, GAS, OR BRINE

This report must be filed within Ten Days after well is shot or producing natural.
(See this form for Supplemental Report on Wells plugged back.)

COMPANY OPERATING Phillips Petroleum Co. ADDRESS Bartlesville, Okla.
 LESSEE Phillips Petroleum Co & Balmer Oil Co. LABOR (Okla. College)
 WELL No. 16 from N-5 to N-6 E. S. of line and 970 ft. E. of line Elevation 2133.1 OSAGE COUNTY
 Well located 1000 ft. S. of line and 970 ft. E. of line Elevation 2133.1
 (Derrick floor, relative to sea level.)
 Well drilled by M. G. Guthrie Superintendent A. E. Edmonson
 Date commenced drilling 2/16/26 Finished 5/5/26
 Date commenced deepening , 19 , 19

Length	CASING USED IN DRILLING			CASING LEFT IN HOLE			SUSP.	Make	PACKERS	Length	Set at
	Size	Wt. per ft.	Thread	Length	Leaded at	Length					
1000 ft.	20 in.	50 lbs.	Per in.	20 ft.	20 ft.	ft.				ft.	ft.
215 ft.	15½ in.	70 lbs.	Per in.	45 ft.	ft.	ft.				ft.	ft.
1927 ft.	12½ in.	50 lbs.	Per in.	ft.	ft.	ft.				ft.	ft.
1484 ft.	10 in.	40 lbs.	Per in.	ft.	ft.	ft.				ft.	ft.
2325 ft.	8½ in.	28 lbs.	Per in.	2325 ft.	ft.	ft.				ft.	ft.
2791 ft.	6½ in.	26 lbs.	Per in.	2791 ft.	ft.	ft.				ft.	ft.

What was done to protect sands when outside casing was pulled?

Is water completely shut off? YES Amount water with oil per cent. Is oil cut

Oil—Initial 24-hr. production 306 bbls. Initial 24-hr. production after shot 350 bbls. Shot from 2983 to 3031, min. 11.0 gpm.

Tubing

Gas—Initial open flow sand from	ft. to	ft.	Cu. ft. rock pressure	Ibs. per sq. in.
Initial open flow sand from	ft. to	ft.	Cu. ft. rock pressure	Ibs. per sq. in.

Dry Hole—State what steps have been taken to plug.

Location fee paid Phillips & Balmer	mins. fee	Date	Amount, \$
no location bonus paid.			

Shale, black soft	2942	2946		
Lime, white hard	2946	2954		
Slate, black soft	2954	2907		
Slate, gray hard	2907	2970	Reduced	2970
Lime, gray mud	2970	2972		
Sandy shale, gray mud	2972	2973		
Sandy shale, gray mud	2973	2991		
Sand & Gas	2981	2994	Top of sand	2994
Oil Sand	2984	2994	Top of sand	2994
OIL SAND SOFT IRON	2994	3008	first oil	2994
" " "	3008	3017		
" " "	3017	3031	Total depth	3031

(This will be)
LESSOR Phillips Pet. Co & Phillips Dolmar LESSOR George White of Arkansas

WELL NO. 18 SEC. 10 T. 27 R. 8 OSAGE COUNTY

02608

FORMATION RECORD

From To Feet
Note each change in formation, i.e., sand, lime, shale, sandy shale, etc.
Note character of each formation, i.e., color, hard, soft, caving, etc. Underlined P
Note contents of each formation, i.e., oil, gas, water, and kind of water—salty, etc.

Surface

Sand rock, soft	0	55
Lime, gray soft	55	55
Sand rock, gray soft	55	60
Lime, gray soft	65	65
Sand rock, gray soft	65	65
Lime, gray soft	65	100
Sand rock, gray soft	100	120
Lime, gray soft	120	170
Shale, blue soft	170	175
Lime, gray soft	175	195
Shale, blue soft	195	215
Lime, gray soft	215	220
Shale, blue soft	220	230
Lime, gray soft	230	235
Shale, blue soft	235	250
Lime, gray soft	250	255
Shale, blue soft	255	260
Lime, gray soft	260	265
Shale, blue soft	265	265
Lime, gray blue	265	280
Shale, blue soft	280	285
Lime, white soft	285	290
Shale, white soft	290	295
Lime, gray soft	295	325
Shale, blue soft	325	375
Lime, blue soft	375	400
Shale, blue soft	400	400
Lime, gray soft	400	425
Shale, blue soft	425	475
Lime, blue soft	475	500
Shale, blue soft	500	500
Lime, gray soft	500	525
Shale, blue soft	525	550
Lime, gray soft	550	575
Shale, blue soft	575	575
Lime, gray soft	575	595
Shale, blue soft	595	600
Lime & shale,		
Shale, blue soft	600	600
Lime, blue soft	600	600
Shale, blue soft	600	607
Lime, gray soft	607	620
Shale, blue soft	620	623
Lime, gray soft	623	647
Shale, brown soft	647	647
Lime, white soft	647	647
Shale, black soft	647	647
Lime, white soft	647	647
Shale, blue soft	647	712
Lime, white soft	712	717

to Water

Lime, white soft	127	128
Lime, white soft	129	129
Slate, blue soft	130	130
Slate, blue hard	130	130
Lime, white soft	132	132
Slate, black soft	133	133
Sandy lime, white soft	134	134
Sandy shale, white soft	137	137
Sand, white soft	138	139
Slate, white soft	139	139
Lime, white soft	140	140
Slate, blue soft	142	142
Sandy shale, blue soft	142	142
Lime, blue hard	142	142
Slate, blue soft	143	143
Lime, grey hard	143	143
Slate, blue soft	144	144
Slate, grey soft	144	144
Slate, blue soft	144	144
Sand, grey soft	145	145
Slate, blue soft	145	145
Red rock, blue soft	146	146
Slate, blue hard	147	147
Sand, grey soft	147	147
Lime, white soft	147	147
Slate, blue soft	147	147
Correct Measurement	147	147
Slate, white soft	148	148
Lime, white hard	148	148
Sand, blue soft	149	149
Slate, grey soft	149	149
Slate, brown soft	149	149
Lime, grey hard	149	149
Sand, grey, S & L.	149	149
Slate, blue soft	149	149
Sandy lime, grey hard	149	149
Sand, grey soft	149	149
Sand, grey and	149	149
Slate, black soft	149	149
Sand, grey soft	149	149
Slate, white soft	149	149
Sand, grey soft	149	149
Sandy lime, grey and	149	149
Sand, grey soft	149	149
Slate, blue soft	149	149
Lime, grey and	149	149
Slate, brown soft	149	149
Lime, white hard	149	149
Slate, blue soft	149	149
Sandy lime, grey and	149	149
Lime, white soft	149	149
Slate, black soft	149	149
Lime, grey hard	149	149
Slate, blue soft	149	149
Lime, white hard	149	149
Slate, blue soft	149	149
Lime, white hard	149	149
Slate, blue soft	149	149

% D. Water
145-146
E.V. water at 560

02609

H.P. water 1495
1497-1498 casing

S.E.W. S 1496
1496-1497
H.P. 1496

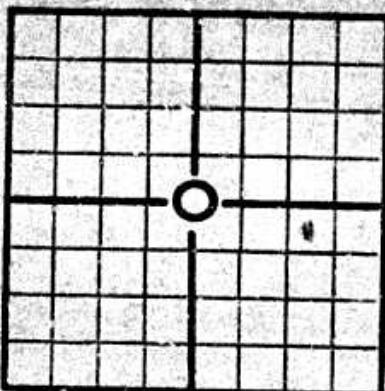
Plates for tools
Casing bad.

V.S. E.C.L.

H.P.W. 1496
H.P.W. 1494

Ran S line on top at 2325, S.L.M.

S.E. water 2325
Casing at 2370
H.P. between 2360 & 2375
Gasing 235/2 2-647
Underreamed to 2791 - cut 2791



02610

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
In cooperation with
THE GEOLOGICAL SURVEY

SUPPLEMENTAL WELL RECORD

Note.—This Supplemental well record of the deepening, plugging back, altering of casing, etc., done on the well since the previous record was filed must be submitted in DUPLICATE to the Superintendent or his agent not later than 15 days after work is completed as provided in Section 18 of Operating Regulations approved July 7, 1936.

Company operating Phillips Petroleum Company

Office address Bartlesville, Oklahoma

Lessor Osage Indian Nation (Oklahoma College)

Well No. 9 Sec. 10 Twp. 32 Rge. 32 County. Okmulgee

Located in No. 14 Section 32
L. 300 F.L. N. of North Line and 977 P. W. of 2000 L. 2000

Date previous record filed April 1934 Original depth last reported April 1, 1934

Reason for doing work Increase lease production Present total depth 2997'

Commenced work December 9, 1937 Completed work December 18, 1938

List below all work done on well, such as redrilling, deepening record, alteration of casing in well, type of plug used in plugging back, shooting record, and preparation of well for repressuring an area, etc. Give results of operation.

- 18-8400 Pulled tubing and rods and measured up on bottom.
- 18-8400 Shot Down
- 18-10-80 "
- 18-11-80 Layed 8" gas line.
- 18-12-80 Connected for repressure. Started taking 50 MCF of gas daily at 1000 pressure.

Oil to repressure

MISCELLANEOUS
RECEIVED

JAN 23 1940

2955
OSAGE AGENCY

Date January 10, 1940

Address of agent Route 2, Box 61-A, Enid, Oklahoma Agent's title District Superintendent

This page is for the condition of the well at above date and constitutes a complete and correct record of all work done thereon. Additional information may be placed on reverse side.

S. E. Beiter

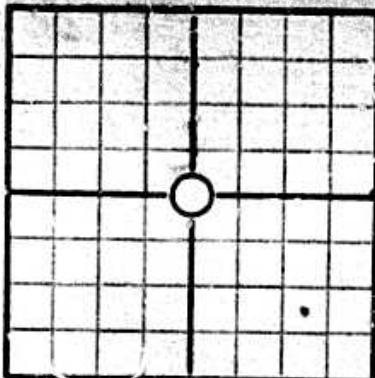
DEPARTMENT OF THE INTERIOR

OFFICE OF INDIAN AFFAIRS

In cooperation with
THE GEOLOGICAL SURVEY

02611

SUPPLEMENTAL WELL RECORD



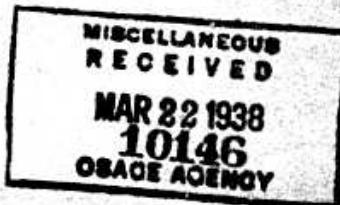
Locate well correctly

Company operating Phillips Petroleum
 Office address Bartlesville, Oklahoma.
 Lessor Osage Indian Nation (Oklahoma College)
 Well No. 10 Sec. 10 Twp. SW Rge. EE County Osage
 Located in EE SE SW NE SW SW Pt. E of South line and SW Ft. W of East line
 Date previous record filed MAY, 1924 Original depth last reported May, 1924
 Reason for doing work Increase Production Present total depth 3031'
 Commenced work , 19..... Completed work , 19.....

List below all work done on well, such as redrilling, deepening record, alteration of casing in well, type of plugs used in plugging back, shooting record, and preparation of well for repressuring an area, etc. Give results of operation.

Connected for repressure - Started taking gas in May, 1930.

Oil to repressure



Date January 21, 1938

Signed: C. M. Montgomery

Address of agent R. F. D. #1, Box 1-A, KW, Okla. Agent's title District Superintendent

This page is for the condition of the well at above date and constitutes a complete and correct record of all work done thereon. Additional information may be placed on reverse side.